



Ancient Egyptian Hieroglyphics Signs with Phonetics Reading and Descriptions

by

Ashur Cherry



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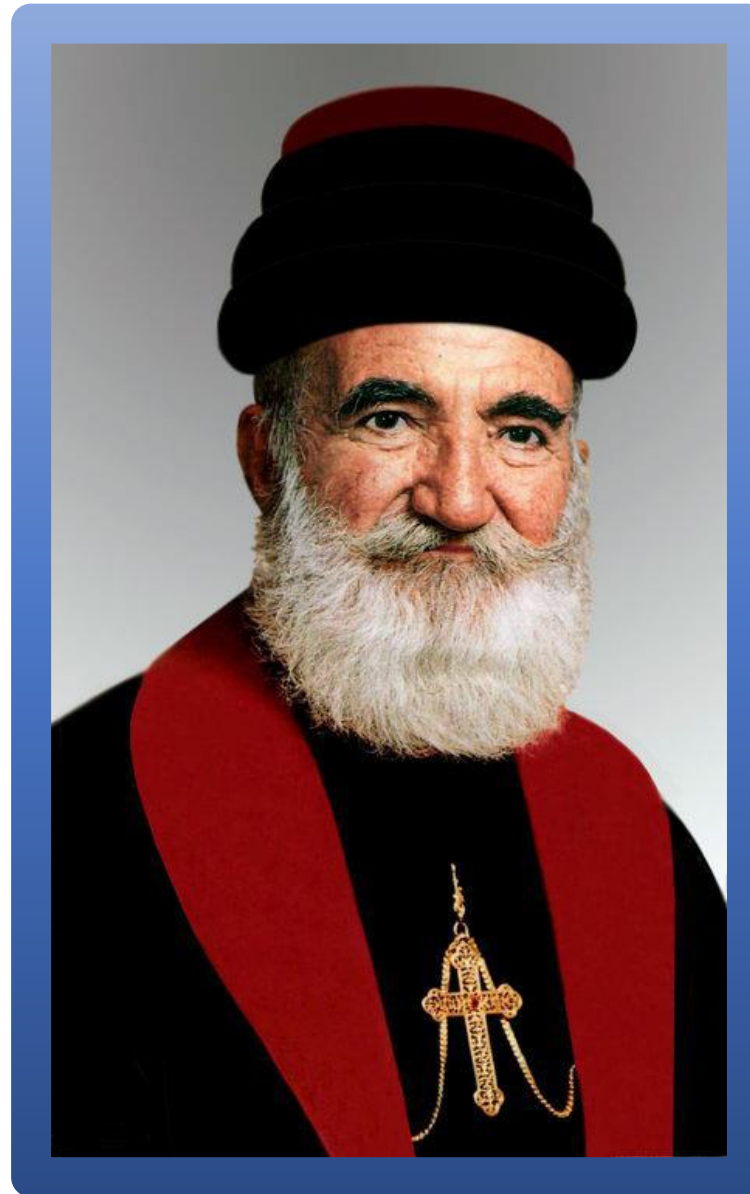
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Acknowledgement






Apart from the efforts of myself, the success of any project depends largely on the encouragement of many others. I would like to show my greatest appreciation to my friends, especially late Dr. Goliath Nessian, Mr. Mirza Shmoil, Ms. Iannuzziello, Ms. Zuccarelli, Mr. Durnan, Mr. Storoschuck, Ms. Clarke, Mr. Stuart, and Miss Smith for the encouragement that I have always received from them in publishing my previous books, journal entries and developing my software. Also, I am personally would like to thank my late father, Petros Cherry, for he always supported and encouraged me while working on Assyriological projects.

I dedicate this book in memory of His Holiness † Mar Yousip Khnanisho
Archbishop of Shamisdin and Rustaqa








Seventy-Two Years of Dedication Toward His People, Church and Assyrian Nation
Thursday, May 18, 1893 (Mar Ishoo, Turkey) – Sunday, July 3, 1977 (Baghdad, Iraq)






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>i</i>	A1	2		Seated man Ideo. in s 'man' Det. man's relationships or occupations; also personal names (var.M2,Z1)	<i>i</i>
<i>ḥms</i>	A3	1		Man sitting on heel Det. in Hmsi (hier.A17,B4)	<i>ḥms, ḥmsi</i>
<i>ḥmsi</i>	A3	1		Man sitting on heel Det. in Hmsi (hier.A17,B4)	<i>ḥms, ḥmsi</i>
<i>dʷ3</i>	A4	2		Man with arms raised Det. (var.A30)	<i>dʷ3</i>
<i>wrb</i>	A6	2		Man receiving purification Ideo. in 'pure', 'clean' in ME, usually replaced by D60	<i>wrb</i>





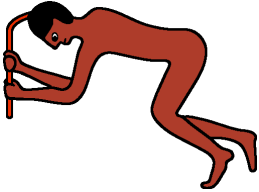
A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>wrd</i>	A7	1		Man sinking to ground from fatigue Det.	<i>wrd</i>
<i>hnw</i>	A8	1		Man performing the hnw-rite Det. in hnw 'jubilation'	<i>hnw</i>
<i>ʒtp</i>	A9	1		Man steadying basket W10 on head Det. in ATp 'load', fAi 'carry', kAt 'work'	<i>kʒt, ʒtp, ʒtp̄, fʒ, fʒi</i>
<i>ʒtp̄</i>	A9	1		Man steadying basket W10 on head Det. in ATp 'load', fAi 'carry', kAt 'work'	<i>kʒt, ʒtp, ʒtp̄, fʒ, fʒi</i>
<i>fʒ</i>	A9	1		Man steadying basket W10 on head Det. in ATp 'load', fAi 'carry', kAt 'work'	<i>kʒt, ʒtp, ʒtp̄, fʒ, fʒi</i>

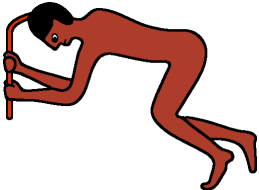
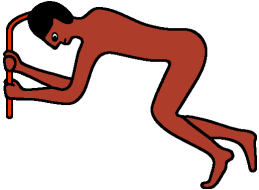


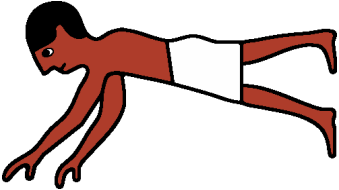
A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>f3i</i>	A9	1		Man steadying basket W10 on head Det. in ATp 'load', fAi 'carry', kAt 'work'	<i>k3t, 3tp, 3tp, f3, f3i</i>
<i>k3t</i>	A9	1		Man steadying basket W10 on head Det. in ATp 'load', fAi 'carry', kAt 'work'	<i>k3t, 3tp, 3tp, f3, f3i</i>
<i>s4d</i>	A10	1		Man holding oar Det. in sqsw 'sail'	<i>s4dw, s4d</i>
<i>s4dw</i>	A10	1		Man holding oar Det. in sqsw 'sail'	<i>s4dw, s4d</i>
<i>hnms</i>	A11	1		Man holding the abA-sceptre S42 and crook S39 O.K. Ideo. or det. in xnms 'friend' Later replaced by A21	<i>hnms</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mnfyt</i>	A12	1		Soldier with bow and quiver Ideo. or det. in mSa 'army'. Det. in mnfyt 'soldiers'	<i>mnfyt, mšc</i>
<i>mšc</i>	A12	1		Soldier with bow and quiver Ideo. or det. in mSa 'army'. Det. in mnfyt 'soldiers'	<i>mnfyt, mšc</i>
<i>hfty</i>	A13	1		Man with arms tied behind his back Det. enemy	<i>sbi, hfty</i>
<i>sbi</i>	A13	1		Man with arms tied behind his back Det. enemy	<i>sbi, hfty</i>
<i>mwt</i>	A14	3		Man with blood streaming from his head Det.	<i>hfty, sbi, mwt</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>hfty</i>	A14	2		Man with blood streaming from his head Det.	<i>hfty, sbi, mwt</i>
<i>sbi</i>	A14	2		Man with blood streaming from his head Det.	<i>hfty, sbi, mwt</i>
<i>mwt</i>	A14A	4		As A14 but blood interpreted as an axe Use as A14	<i>hfty, mwt</i>
<i>hfty</i>	A14A	3		As A14 but blood interpreted as an axe Use as A14	<i>hfty, mwt</i>
<i>br</i>	A15	1		Man falling Ideo. or det. in xr 'fall' and derivatives. Abbrev. for xrw 'fallen (i.e.conquered) enemy'; also for sxrt 'overthrow' (infinitive)	<i>br</i>

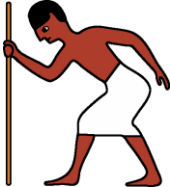


A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ks</i>	A16	1		Man bowing down Det.	<i>ksw, ksi, ks</i>
<i>ksi</i>	A16	1		Man bowing down Det.	<i>ksw, ksi, ks</i>
<i>ksw</i>	A16	1		Man bowing down Det.	<i>ksw, ksi, ks</i>
<i>nmḥ</i>	A17	1		Child sitting (on lap) with hand to mouth Det. young Abbrev. for Xrd 'child'. Phon. nni in Nni-nsw 'Heracleopolis'	<i>ḥrd, šri, nmḥ, nni</i>
<i>nni</i>	A17	1		Child sitting (on lap) with hand to mouth Det. young Abbrev. for Xrd 'child'. Phon. nni in Nni-nsw 'Heracleopolis'	<i>ḥrd, šri, nmḥ, nni</i>

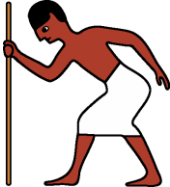


A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥrd</i>	A17	1		Child sitting (on lap) with hand to mouth Det. young Abbrev. for Xrd 'child'. Phon. nni in Nni-nsw 'Heracleopolis'	<i>ḥrd, šri, nmḥ, nni</i>
<i>šri</i>	A17	1		Child sitting (on lap) with hand to mouth Det. young Abbrev. for Xrd 'child'. Phon. nni in Nni-nsw 'Heracleopolis'	<i>ḥrd, šri, nmḥ, nni</i>
<i>msw</i>	A17A	1		Child in sitting posture, arms hanging down Adapted from hieratic where it replaces A3, ex. Hmsi 'sit' or A17, ex. msw 'children'	<i>msw, ḥmsi</i>
<i>ḥmsi</i>	A17A	2		Child in sitting posture, arms hanging down Adapted from hieratic where it replaces A3, ex. Hmsi 'sit' or A17, ex. msw 'children'	<i>msw, ḥmsi</i>
<i>inp</i>	A18	1		child with crown of Lower Egypt S3 Det.	<i>inp</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
i3w	A19	1		Bent man leaning on stick (clearly distinguishable from A21 in hieratic, not always so in hieroglyphic) Ideo. or det. old, in iAw 'old'; smsw 'eldest'; great, in wr 'great one', 'chief'. Det. old, also in ini 'old'; lean, exx. rhn 'lean': twA 'support oneself' Phon. or phon.det. ik (from a rare iAk 'be aged') iniky 'miner', 'hewer of stone' In M.K. hieratic is written for Hwi, Hii 'strike'	tni', rhn, smsw, i3w, wr
wr	A19	2		Bent man leaning on stick (clearly distinguishable from A21 in hieratic, not always so in hieroglyphic) Ideo. or det. old, in iAw 'old'; smsw 'eldest'; great, in wr 'great one', 'chief'. Det. old, also in ini 'old'; lean, exx. rhn 'lean': twA 'support oneself' Phon. or phon.det. ik (from a rare iAk 'be aged') iniky 'miner', 'hewer of stone' In M.K. hieratic is written for Hwi, Hii 'strike'	tni', rhn, smsw, i3w, wr
rhn	A19	1		Bent man leaning on stick (clearly distinguishable from A21 in hieratic, not always so in hieroglyphic) Ideo. or det. old, in iAw 'old'; smsw 'eldest'; great, in wr 'great one', 'chief'. Det. old, also in ini 'old'; lean, exx. rhn 'lean': twA 'support oneself' Phon. or phon.det. ik (from a rare iAk 'be aged') iniky 'miner', 'hewer of stone' In M.K. hieratic is written for Hwi, Hii 'strike'	tni', rhn, smsw, i3w, wr






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>smsw</i>	A19	1		Bent man leaning on stick (clearly distinguishable from A21 in hieratic, not always so in hieroglyphic) Ideo. or det. old, in iAw 'old'; smsw 'eldest'; great, in wr 'great one', 'chief'. Det. old, also in ini 'old'; lean, exx. rhn 'lean': twA 'support oneself' Phon. or phon.det. ik (from a rare iAk 'be aged') in iky 'miner', 'hewer of stone' In M.K. hieratic is written for Hwi, Hii 'strike'	<i>tni', rhn, smsw, i3w, wr</i>
<i>tni'</i>	A19	1		Bent man leaning on stick (clearly distinguishable from A21 in hieratic, not always so in hieroglyphic) Ideo. or det. old, in iAw 'old'; smsw 'eldest'; great, in wr 'great one', 'chief'. Det. old, also in ini 'old'; lean, exx. rhn 'lean': twA 'support oneself' Phon. or phon.det. ik (from a rare iAk 'be aged') in iky 'miner', 'hewer of stone' In M.K. hieratic is written for Hwi, Hii 'strike'	<i>tni', rhn, smsw, i3w, wr</i>
<i>smsw</i>	A20	2		Man leaning on forked stick, less senile than A19 Ideo. or det. in smsw 'eldest', especially sA=f smsw 'his eldest son'. A sign like A19 is used for smsw	<i>smsw</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>smr</i>	A21	1		Man holding stick in one hand and handkerchief in the other (always distinct from A19 in hieratic) Ideo. or det. in sr 'official', 'noble'. Det. magnate. Often hard to distinguish from A19 and A20.	<i>sr, smr</i>
<i>sr</i>	A21	1		Man holding stick in one hand and handkerchief in the other (always distinct from A19 in hieratic) Ideo. or det. in sr 'official', 'noble'. Det. magnate. Often hard to distinguish from A19 and A20.	<i>sr, smr</i>
<i><u>h</u>nti</i>	A22	1		Statue of man with stick and abA-sceptre S42 Det. The form of the sign varies according to the nature of the statue to be depicted.	<i>twi, <u>h</u>nti</i>
<i>twi</i>	A22	1		Statue of man with stick and abA-sceptre S42 Det. The form of the sign varies according to the nature of the statue to be depicted.	<i>twi, <u>h</u>nti</i>
<i>ity</i>	A23	1		King with stick and club T3 Det.	<i>ity</i>



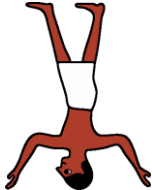


A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nḥt</i>	A24	2		Man striking with stick. Det. Hence det. force, effort, in nHm 'take away', HaDA 'plunder', sbA 'teach'. In Dyn. XVIII, A24 is mostly replaced by D40.	<i>ḥwi, nḥt, sb3</i>
<i>ḥwi</i>	A24	1		Man striking with stick. Det. Hence det. force, effort, in nHm 'take away', HaDA 'plunder', sbA 'teach'. In Dyn. XVIII, A24 is mostly replaced by D40.	<i>ḥwi, nḥt, sb3</i>
<i>sb3</i>	A24	2		Man striking with stick. Det. Hence det. force, effort, in nHm 'take away', HaDA 'plunder', sbA 'teach'. In Dyn. XVIII, A24 is mostly replaced by D40.	<i>ḥwi, nḥt, sb3</i>
<i>ḥwi</i>	A25	2		Man striking, with left arm hanging behind back. Rare ideo. used in Hwi, Hii 'strike'.	<i>ḥwi</i>
<i>i</i>	A26	3		Man with one arm raised in invocation Det. Abbrev. aS in sDm-aS 'servant', lit. 'one who hears the call'. Det. in vocative interjection i 'O'	<i>čš, nis, i</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
𐎢	A26	1		Man with one arm raised in invocation Det. Abbrev. aS in sDm-aS 'servant', lit. 'one who hears the call'. Det. in vocative interjection i 'O'	𐎢, 𐎢s, i
𐎢s	A26	1		Man with one arm raised in invocation Det. Abbrev. aS in sDm-aS 'servant', lit. 'one who hears the call'. Det. in vocative interjection i 'O'	𐎢, 𐎢s, i
in	A27	2		man hastening with one arm raised Phon. in in in 'by' cf. inw 'messengers' (Pyr.)	in
h3i	A28	1		Man with both arms raised Det.	h3i, k3i, k3, hci
hci	A28	1		Man with both arms raised Det.	h3i, k3i, k3, hci



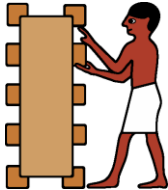


A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>k3</i>	A28	1		Man with both arms raised Det.	<i>ḥ3i, k3i, k3, ḥci</i>
<i>k3i</i>	A28	1		Man with both arms raised Det.	<i>ḥ3i, k3i, k3, ḥci</i>
<i>shr</i>	A29	1		Man upside-down Det.	<i>shr</i>
<i>i3w</i>	A30	2		Man with arms out-streched Det. cf.A4	<i>tw3, tr, i3w, dw3</i>
<i>tw3</i>	A30	1		Man with arms out-streched Det. cf.A4	<i>tw3, tr, i3w, dw3</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>tr</i>	A30	5		Man with arms out-streched Det. cf.A4	<i>tṛw₃, tr, i₃ṛw, dṛw₃</i>
<i>dṛw₃</i>	A30	3		Man with arms out-streched Det. cf.A4	<i>tṛw₃, tr, i₃ṛw, dṛw₃</i>
<i>ṛnṛw</i>	A31	2		Man with his arms stretched out behind him Det.	<i>ṛnṛw</i>
<i>ḥbi</i>	A32	1		Man dancing Det.	<i>ḥbi</i>
<i>mnṛw</i>	A33	1		Man with stick and bundle or mat on shoulder Ideo. in m(i)niw 'herdsman'. Det. wander	<i>mnṛw, šm₃ṛw</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šmꜣw</i>	A33	1		Man with stick and bundle or mat on shoulder Ideo. in m(i)niw 'herdsman'. Det. wander	<i>mnꜣw, šmꜣw</i>
<i>ḥwsi</i>	A34	1		Man pounding in a mortar Det.	<i>ḥwsi</i>
<i>ḳd</i>	A35	2		Man building a wall Ideo. or det.	<i>ḳd</i>
<i>ḥti</i>	A36	1		Man kneading and straining into a vessel Ideo. or det.	<i>ḥty, ḥti</i>
<i>ḥty</i>	A36	1		Man kneading and straining into a vessel Ideo. or det.	<i>ḥty, ḥti</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>fti</i>	A37	2		(commoner form of A36) cf. A36	<i>fty, fti</i>
<i>fty</i>	A37	2		(commoner form of A36) cf. A36	<i>fty, fti</i>
<i>kis</i>	A38	1		Man holding necks of two emblematic animals with panther heads (Dyn. XII) Ideo. in Qis, Cusae, the modern town of El-Kusiyah in Upper Egypt.	<i>kis, kiz</i>
<i>kiz</i>	A38	1		Man holding necks of two emblematic animals with panther heads (Dyn. XII) Ideo. in Qis, Cusae, the modern town of El-Kusiyah in Upper Egypt.	<i>kis, kiz</i>
<i>ntr</i>	A40	2		Seated god (note the slightly curved beard and straight wig) Det. Ideo. or det. 'I', 'me' when a god is speaking or, in Dyn. XII, the king.	<i>ntr</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nsw</i>	A41	1		King (note uraeus on brow, straight beard, and coif) Det. Ideo. or det. 'I', 'me' when the king is speaking.	<i>ḥm, nsw</i>
<i>ḥm</i>	A41	2		King (note uraeus on brow, straight beard, and coif) Det. Ideo. or det. 'I', 'me' when the king is speaking.	<i>ḥm, nsw</i>
<i>nsw</i>	A42	2		King (same as A41) with flagellum S45 Det. Use as A41 (common Dyn. XVIII)	<i>nsw, ḥm</i>
<i>ḥm</i>	A42	3		King (same as A41) with flagellum S45 Det. Use as A41 (common Dyn. XVIII)	<i>nsw, ḥm</i>
<i>nsw</i>	A42A	3		Not in the original Gardiner list ... under investigation	<i>nsw, ḥm</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥm</i>	A42A	4		Not in the original Gardiner list ... under investigation	<i>nsw, ḥm</i>
<i>nsw</i>	A42B	4		Not in the original Gardiner list ... under investigation	<i>ḥm, nsw</i>
<i>ḥm</i>	A42B	5		Not in the original Gardiner list ... under investigation	<i>ḥm, nsw</i>
<i>wsir</i>	A43	1		King wearing crown of Upper Egypt S1 Ideo. or det. Det. in Wsir 'Osiris'	<i>wsir, nsw</i>
<i>nsw</i>	A43	5		King wearing crown of Upper Egypt S1 Ideo. or det. Det. in Wsir 'Osiris'	<i>wsir, nsw</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	A44	7		King wearing crown of Upper Egypt S1 with flagellum S1 Ideo. or det. Same as A43	<i>nsʿw</i>
<i>bʿty</i>	A45	2		King wearing crown of Lower Egypt S3 Ideo. or det.	<i>bʿty</i>
	A46	1		King wearing crown of Lower Egypt, with flagellum S45 Ideo. or det. Used same as A47	<i>bʿty</i>
<i>ʾry</i>	A47	1		Shepherd seated and wrapped in mantle, holding a stick with appendage Ideo. in m(i)niw 'herdsman' Ideo. or det. in sAw 'guard'. Sometimes inaccurately for A48 in ʾry 'relating to'	<i>ʾry, sʿw</i>
<i>sʿw</i>	A47	1		Shepherd seated and wrapped in mantle, holding a stick with appendage Ideo. in m(i)niw 'herdsman' Ideo. or det. in sAw 'guard'. Sometimes inaccurately for A48 in ʾry 'relating to'	<i>ʾry, sʿw</i>


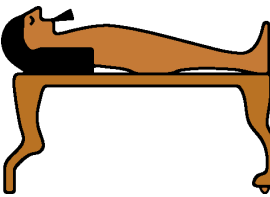
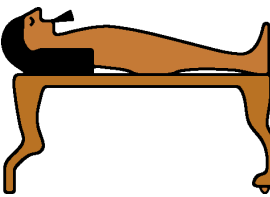
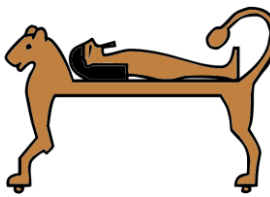
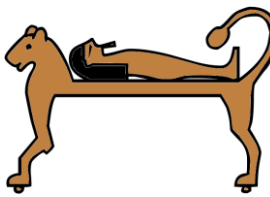
A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>iry</i>	A48	2		Beardless man holding knife Ideo. (?) or det. Phon. iry	<i>s3w, iry</i>
<i>s3w</i>	A48	2		Beardless man holding knife Ideo. (?) or det. Phon. iry	<i>s3w, iry</i>
<i>r3mʁ</i>	A49	1		Syrian seated holding stick Det. i.e. aAmw 'Asiatics'; iwntyw-styw 'Nubian bowmen'	<i>r3mʁ</i>
<i>šps</i>	A50	1		Man of rank seated on chair Det. (M.K.; in Dyn. XVIII mainly replaced by A51 and A52) Ideo. or det. 'I', 'me' (M.K.) Rarely ideo.in Sps 'noble' (like A51)	<i>šps, špsi</i>
<i>špsi</i>	A50	2		Man of rank seated on chair Det. (M.K.; in Dyn. XVIII mainly replaced by A51 and A52) Ideo. or det. 'I', 'me' (M.K.) Rarely ideo.in Sps 'noble' (like A51)	<i>šps, špsi</i>

A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šps</i>	A51	2		Man of rank seated on chair, with flagellum S45 Ideo. 'be noble' and related words. After M.K., often det. 'revered persons'	<i>špsi̎, šps</i>
<i>špsi̎</i>	A51	1		Man of rank seated on chair, with flagellum S45 Ideo. 'be noble' and related words. After M.K., often det. 'revered persons'	<i>špsi̎, šps</i>
<i>sch</i>	A52	2		Noble squatting with flagellum S45 Det. revered persons, especially personal names. Common in Dyn. XVIII. Rarely also for A51 in Sps 'noble'	<i>sch, šps</i>
<i>šps</i>	A52	3		Noble squatting with flagellum S45 Det. revered persons, especially personal names. Common in Dyn. XVIII. Rarely also for A51 in Sps 'noble'	<i>sch, šps</i>
<i>ki̎</i>	A53	1		Mummy upright Det.	<i>twt, ki̎</i>






A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>twt</i>	A53	2		Mummy upright Det.	<i>twt, kṯ</i>
<i>ḥ3t</i>	A55	1		Mummy lying on bed Det. Replacing O.K. form with man on bed.	<i>sḍr, ḥ3t</i>
<i>sḍr</i>	A55	1		Mummy lying on bed Det. Replacing O.K. form with man on bed.	<i>sḍr, ḥ3t</i>
<i>ḥ3t</i>	A55A	2		Not in the original Gardiner list ... under investigation	<i>ḥ3t, sḍr</i>
<i>sḍr</i>	A55A	2		Not in the original Gardiner list ... under investigation	<i>ḥ3t, sḍr</i>




A - Man and his Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>shṛ</i>	A59	1		Man threatening with stick Det.	<i>shṛ</i>






B - Woman and her Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>st</i>	B1	2		Seated woman Det. female. As suffix 1st pers. sing., B1 'i' has not been noted before Dyn. XIX	<i>st</i>
<i>bk₃</i>	B2	1		Pregnant woman Det. pregnant	<i>bk₃</i>
<i>ms</i>	B3	2		Woman giving birth Ideo. or det. in msi'bear', 'give birth' and related words	<i>ms, msi'</i>
<i>msi'</i>	B3	1		Woman giving birth Ideo. or det. in msi'bear', 'give birth' and related words	<i>ms, msi'</i>
<i>ms</i>	B4	3		Combination of sign for squatting woman B3 and F31 Ideo. or det. Use as B3 Substitute for A3 (rare)	<i>msi', ms</i>






B - Woman and her Occupations

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>msi</i>	B4	2		Combination of sign for squatting woman B3 and F31 Ideo. or det. Use as B3 Substitute for A3 (rare)	<i>msi, ms</i>
<i>mnct</i>	B5	1		Woman suckling child Det. 'suckle' in mnat'nurse'	<i>mnct</i>
<i>rnn</i>	B6	1		Woman seated on chair with child on lap Det. 'nurse'	<i>rnn</i>





C - Anthropomorphic Deities

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ꜥꜥ	C1	2		God with sun and uraeus on head Ideo. or det. 'Ra'	ꜥꜥ
	C2	3		God with head of falcon bearing sun on head (G9) and holding S34 Ideo. or det. in Ra 'Re'	ꜥꜥ
ꜥꜥꜥꜥꜥꜥ	C3	1		God with head of ibis (G26) Ideo. or det. in DHwty 'Thoth'	ꜥꜥꜥꜥꜥꜥ
ꜥꜥꜥꜥꜥꜥꜥꜥ	C4	1		God with head of ram (E10) Ideo. or det. in \$nmw 'Chnum'	ꜥꜥꜥꜥꜥꜥꜥꜥ
ꜥꜥꜥꜥꜥꜥꜥꜥꜥꜥ	C6	1		God with head of dog (E15) Ideo. or det. in Inpw 'Anubis', Wp-wAwt'Wepwawet'	ꜥꜥꜥꜥꜥꜥꜥꜥꜥꜥ

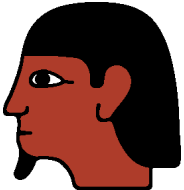

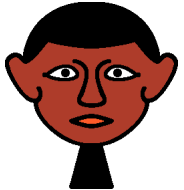
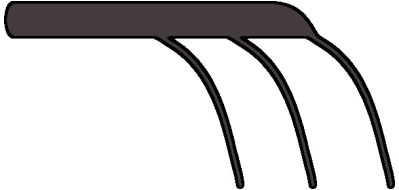
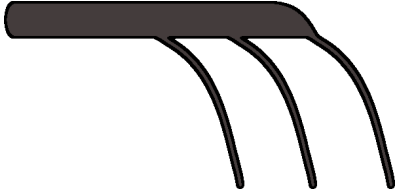
C - Anthropomorphic Deities

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sth</i>	C7	1		God with head of Seth-animal (E20) Ideo. in %tX, %tS 'Seth'	<i>sth</i>
<i>mnw</i>	C8	1		Ithyphallic god with feathers, uplifted arm and flagellum (S45) Ideo. or det. in Mnw 'Min'	<i>mnw</i>
<i>hthr</i>	C9	1		Goddess with sun and horns Ideo. or det. in @t-Hr 'Hathor'	<i>hthr</i>
<i>m3rt</i>	C10	1		Goddess with feather on head Ideo. or det. in MAat 'Maat', the goddess of Truth	<i>m3rt</i>
	C10A	2		Seated goddess with feather on head, holding sign S34 anx Var. of C10	<i>m3rt</i>

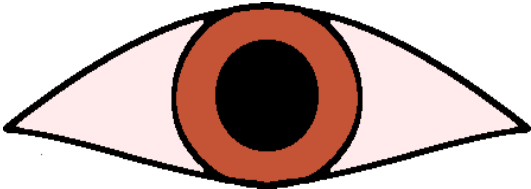

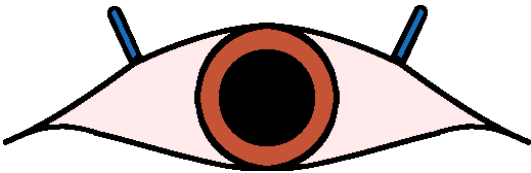
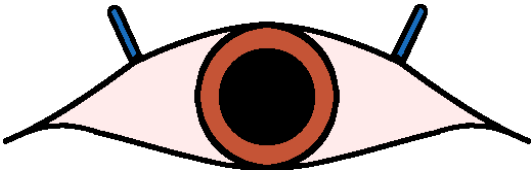
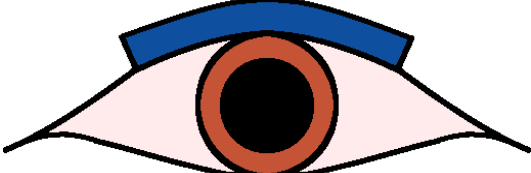
C - Anthropomorphic Deities

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ḥḥ	C11	1		God with arms supporting (the sky) and sign M4 on head (often also without) Ideo. in @H 'Heh' (god). Phon. HH 'million', 'many'	ḥḥ
mntw	C17	1		Ideo. or det. in god 'Mont' (taken from monuments of Dyn. XIX or later)	mntw
t3tnn	C18	1		Ideo. or det. in 'Tjanen' (taken from monuments of Dyn. XIX or later)	t3tnn
wsir	C98	2		Not in the original Gardiner list ... under investigation	wsir

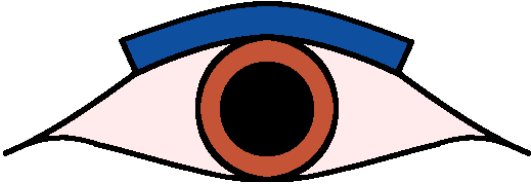
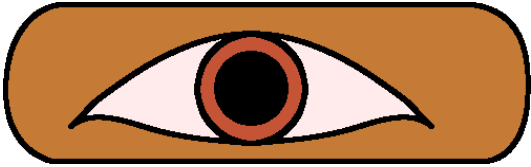
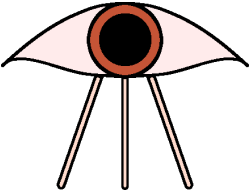
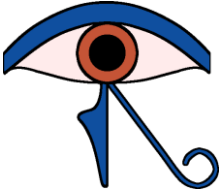

D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>tp</i>	D1	1		Head in profile Ideo. in tp 'head' and tpy 'chief', 'first'. Det. head Possibly value DADA in some cases	<i>d3d3, tp</i>
<i>d3d3</i>	D1	1		Head in profile Ideo. in tp 'head' and tpy 'chief', 'first'. Det. head Possibly value DADA in some cases	<i>d3d3, tp</i>
<i>hr</i>	D2	1		Face Ideo. in Hr 'face' and derivatives. Phon. Hr	<i>hr</i>
<i>šni</i>	D3	1		Hair Det. hair, skin, mourn, bald	<i>šny, šni</i>
<i>šny</i>	D3	1		Hair Det. hair, skin, mourn, bald	<i>šny, šni</i>



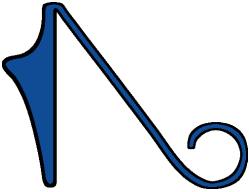


D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ir</i>	D4	1		Eye Ideo. in irt 'eye'. Det. in mAA 'see'. Det. in other words for see, look, and in connection with other notions involving the eye. Phon. ir, mA	<i>m3, ir</i>
<i>m3</i>	D4	2		Eye Ideo. in irt 'eye'. Det. in mAA 'see'. Det. in other words for see, look, and in connection with other notions involving the eye. Phon. ir, mA	<i>m3, ir</i>
<i>šp</i>	D5	1		Eye touched up with paint Det. actions or conditions of eye	<i>šp, dgi</i>
<i>dgi</i>	D5	1		Eye touched up with paint Det. actions or conditions of eye	<i>šp, dgi</i>
<i>šp</i>	D6	2		eye touched up with paint (alternative to D5) Det. actions or conditions of eye. Use as D5	<i>šp, dgi</i>

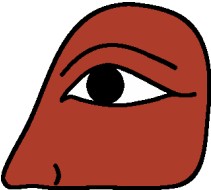
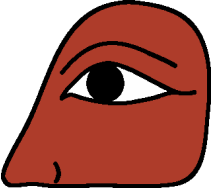
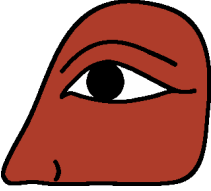
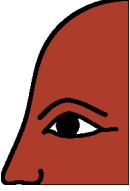
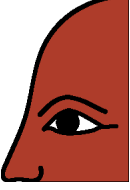
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dgi</i>	D6	2		eye touched up with paint (alternative to D5) Det. actions or conditions of eye. Use as D5	<i>šp, dgi</i>
<i>rw</i>	D8	1		Eye enclosed in sign for land N18 Det. in anw, a(i)nw 'Ainu' (carrière de la moderne Turah. Phon.det. in an 'beautiful'	<i>rw</i>
<i>rmi</i>	D9	1		Eye with flowing tears Ideo. or det. in rmi 'weep', 'beweep'	<i>rmi</i>
<i>wḏt</i>	D10	1		Human eye with the markings of a falcon's head Ideo. or det. in wDAt 'wDAt-eye', the sound eye of Horus	<i>wḏt</i>
<i>ir</i>	D12	2		Pupil of the eye Det. in DfD 'pupil' of eye. Part of the wDAt-eye sign for 1/4 heqat-measure of corn. Distinguished from the grain of sand N33 and from the circle.	<i>m3, ir, dfd</i>


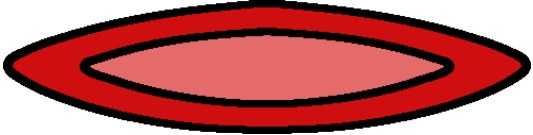
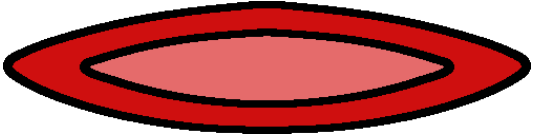
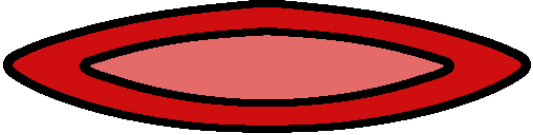
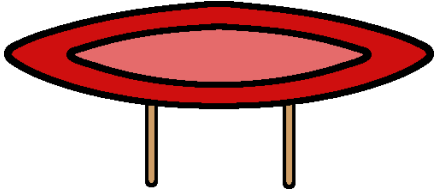
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m3</i>	D12	3		Pupil of the eye Det. in DfD 'pupil' of eye. Part of the wDA _t -eye sign for 1/4 heqat-measure of corn. Distinguished from the grain of sand N33 and from the circle.	<i>m3, ir, dfd</i>
<i>dfd</i>	D12	1		Pupil of the eye Det. in DfD 'pupil' of eye. Part of the wDA _t -eye sign for 1/4 heqat-measure of corn. Distinguished from the grain of sand N33 and from the circle.	<i>m3, ir, dfd</i>
<i>t'it</i>	D17	2		Markings of the wDA_t-eye (D15 and D16 together) Ideo. or det. in tit 'figure', 'image'	<i>t'it</i>
<i>msdr</i>	D18	1		Ear Ideo. or det. in msDr 'ear'	<i>msdr, msdr</i>
<i>msdr</i>	D18	1		Ear Ideo. or det. in msDr 'ear'	<i>msdr, msdr</i>

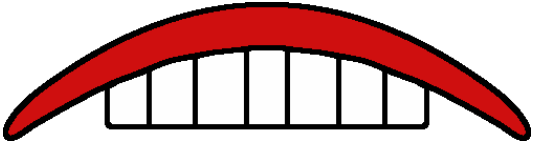
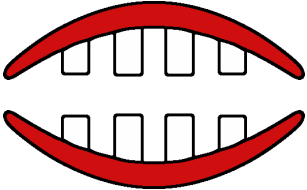
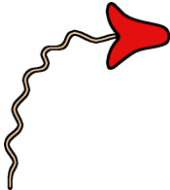
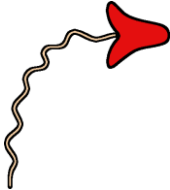
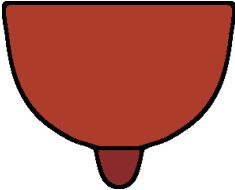
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>fnd</i>	D19	1		Nose, eye and cheek Ideo. or det. in fnD,fnd 'nose'. Det. in fnd 'nose'; sn 'smell'; xnt 'face'; 'joy' in rS(w) 'rejoice'; 'soft' in sfn 'be mild'. Phon.det. and phon. xnt	
<i>fnd</i>	D19	1		Nose, eye and cheek Ideo. or det. in fnD,fnd 'nose'. Det. in fnd 'nose'; sn 'smell'; xnt 'face'; 'joy' in rS(w) 'rejoice'; 'soft' in sfn 'be mild'. Phon.det. and phon. xnt	<i>fnd, hnt, fnd</i>
<i>hnt</i>	D19	3		Nose, eye and cheek Ideo. or det. in fnD,fnd 'nose'. Det. in fnd 'nose'; sn 'smell'; xnt 'face'; 'joy' in rS(w) 'rejoice'; 'soft' in sfn 'be mild'. Phon.det. and phon. xnt	<i>fnd, hnt, fnd</i>
<i>fnd</i>	D20	2		Semi-cursive variant of D19 Use as D19	<i>fnd, fnd, hnt</i>
<i>fnd</i>	D20	2		Semi-cursive variant of D19 Use as D19	<i>fnd, fnd, hnt</i>

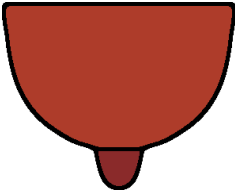
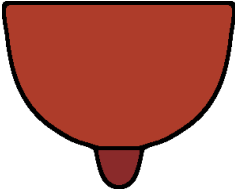
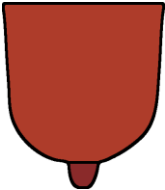
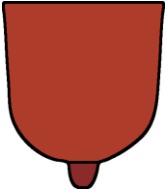
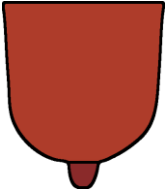
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥnt</i>	D20	4		Semi-cursive variant of D19 Use as D19	<i>fnd, fnd̲, ḥnt</i>
<i>msḏr</i>	D21	2		Mouth (Dyn. XII rarely vertically) Ideo. in r (rA). Phon. r	<i>msḏr, r, r3</i>
<i>r</i>	D21	1		Mouth (Dyn. XII rarely vertically) Ideo. in r (rA). Phon. r	<i>msḏr, r, r3</i>
<i>r3</i>	D21	1		Mouth (Dyn. XII rarely vertically) Ideo. in r (rA). Phon. r	<i>msḏr, r, r3</i>
<i>r3wỉ</i>	D22	1		Mouth with two strokes attached Ideo. in rwy 'two-thirds'	<i>r3wỉ</i>

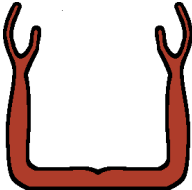


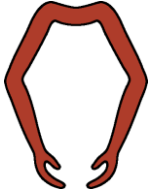

D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>spt</i>	D24	1		upper lip with teeth ideo. in spt	<i>spt</i>
<i>spty</i>	D25	1		2 lips with teeth ideo. or det.	<i>spty</i>
<i>psg</i>	D26	1		liquid issuing from lips det. in 'psg, bSi, qAa'. Also in snf	<i>psg, snf</i>
<i>snf</i>	D26	1		liquid issuing from lips det. in 'psg, bSi, qAa'. Also in snf	<i>psg, snf</i>
<i>mncı</i>	D27	1		breast Ideo. or det. in mnd 'breast'. Det. in snq 'suckle'; mnat 'nurse'; mnay 'tutor'	<i>mnd, snk, mncı</i>


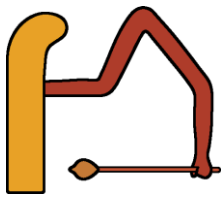
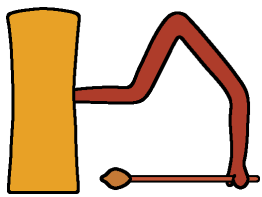
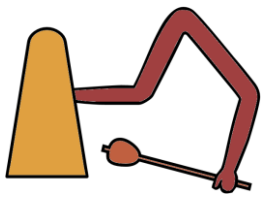

D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mnd</i> _̣	D27	1		breast Ideo. or det. in mnd 'breast'. Det. in snq 'suckle'; mnat 'nurse'; mnay 'tutor'	<i>mnd</i> _̣ , <i>snk</i> _̣ , <i>mnci</i> _̣
<i>snk</i> _̣	D27	1		breast Ideo. or det. in mnd 'breast'. Det. in snq 'suckle'; mnat 'nurse'; mnay 'tutor'	<i>mnd</i> _̣ , <i>snk</i> _̣ , <i>mnci</i> _̣
<i>mnci</i> _̣	D27A	2		breast Use as D27	<i>mnci</i> _̣ , <i>snk</i> _̣ , <i>mnd</i> _̣
<i>mnd</i> _̣	D27A	2		breast Use as D27	<i>mnci</i> _̣ , <i>snk</i> _̣ , <i>mnd</i> _̣
<i>snk</i> _̣	D27A	2		breast Use as D27	<i>mnci</i> _̣ , <i>snk</i> _̣ , <i>mnd</i> _̣



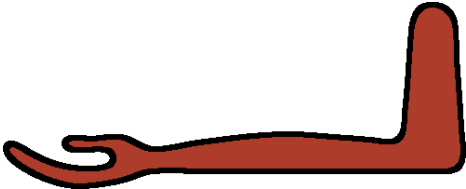
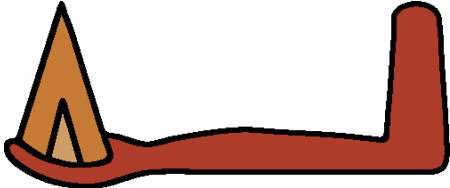
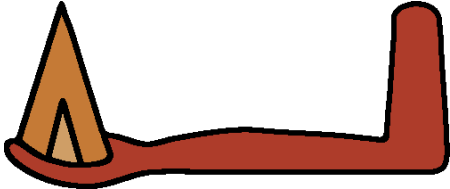
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>k₃</i>	D28	1		two arms extended (as to embrace?) Ideo. in kA 'soul', 'spirit'. Phon. kA	<i>k₃</i>
	D29	2		combination of D28 and R12 in kA 'soul' regarded as of divine nature	<i>k₃</i>
<i>ḥmk₃</i>	D31	1		combination of D32 and U36 Phon. Hm-kA. In Hm-kA 'ka-priest'	<i>ḥmk₃</i>
<i>ḥpt</i>	D32	1		arms enclosing or embracing Det. envelop, embrace	<i>ḥpt</i>
<i>ḥn</i>	D33	2		arms engaged in rowing Ideo. in Xni 'row' and derivatives. Phon. Xn	<i>ḥn, ḥni</i>

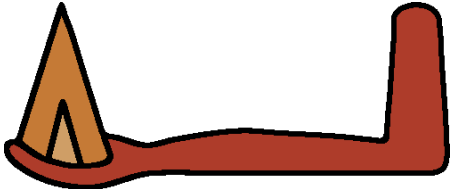
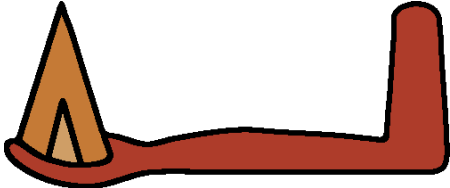
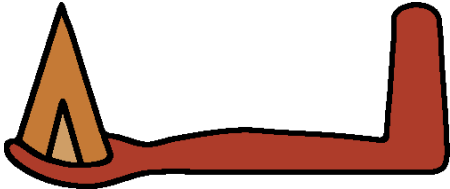
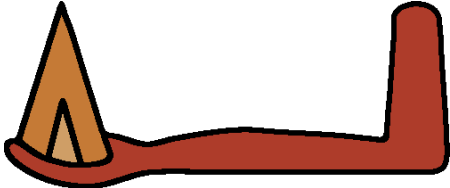
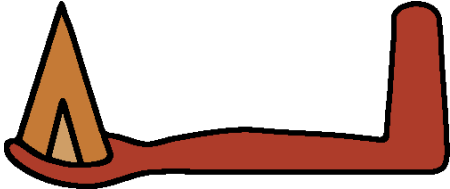
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>hni</i>	D33	1		arms engaged in rowing Ideo. in Xni 'row' and derivatives. Phon. Xn	<i>hn, hni</i>
<i>ch3</i>	D34	1		arms holding shield and battle-axe Ideo. in aHA'fight' and derivatives	<i>ch3</i>
	D34A	2		arms holding shield and battle-axe O.K. form of D34. Use as D34.	<i>ch3</i>
	D34C	4		Not in the original Gardiner list ... under investigation	<i>ch3</i>
<i>n</i>	D35	2		arms in gesture of negation Ideo. in n, nn 'not'. Phon. <n Ideo. in iwty 'which not' Det. in xm 'be ignorant'. Phon.det. in xm 'shrine'.	<i>n, hm, smh</i>

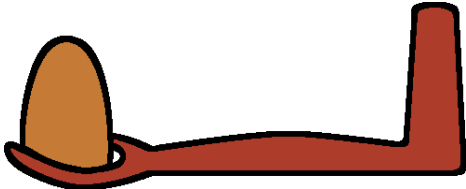
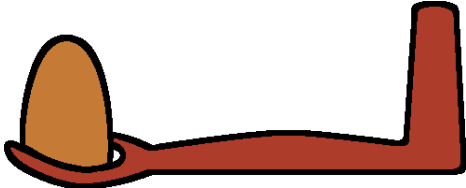
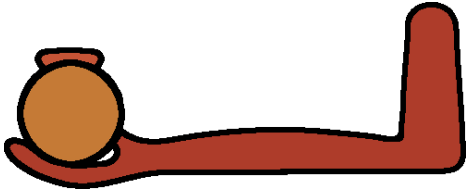
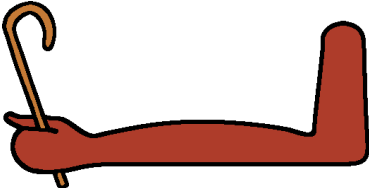
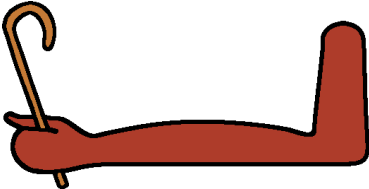
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>hm</i>	D35	2		arms in gesture of negation Ideo. in n, nn 'not'. Phon. <n Ideo. in iwty 'which not' Det. in xm 'be ignorant'. Phon.det. in xm 'shrine'.	<i>n, hm, smh</i>
<i>smh</i>	D35	1		arms in gesture of negation Ideo. in n, nn 'not'. Phon. <n Ideo. in iwty 'which not' Det. in xm 'be ignorant'. Phon.det. in xm 'shrine'.	<i>n, hm, smh</i>
<i>r</i>	D36	1		forearm Ideo. in a 'arm', 'hand'. Phon.a. (In hieratic, less often in hieroglyphic, substitute for D37, D38, D39, D40, D41, D42, D43, D44)	<i>r</i>
<i>imi</i>	D37	2		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, d, di, mi, rdi, d, imi</i>
<i>m</i>	D37	2		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, d, di, mi, rdi, d, imi</i>

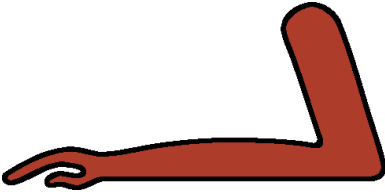
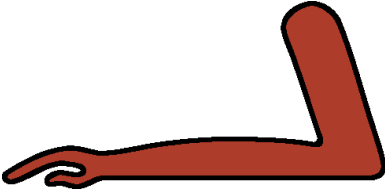
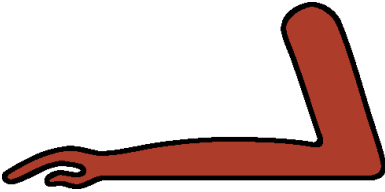
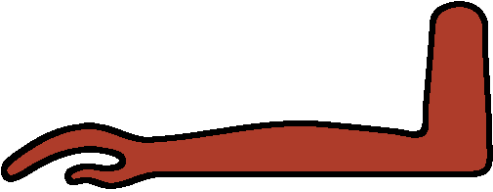
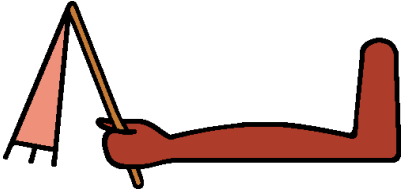
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mi</i>	D37	2		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, <u>d</u>, di, mi, rdi, d, imi</i>
<i>rdi</i>	D37	1		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, <u>d</u>, di, mi, rdi, d, imi</i>
<i>d</i>	D37	2		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, <u>d</u>, di, mi, rdi, d, imi</i>
<i>di</i>	D37	2		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, <u>d</u>, di, mi, rdi, d, imi</i>
<i><u>d</u></i>	D37	2		forearm with hand holding X8 Ideo. in imi 'give' 'imperative), (r)di. Phon. d(from di), mior m (from imi)	<i>m, <u>d</u>, di, mi, rdi, d, imi</i>

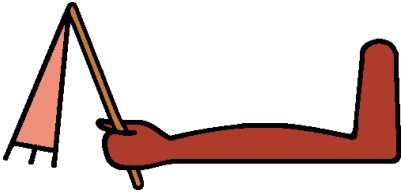
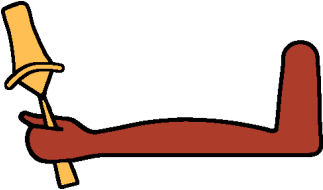
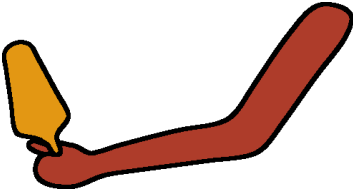
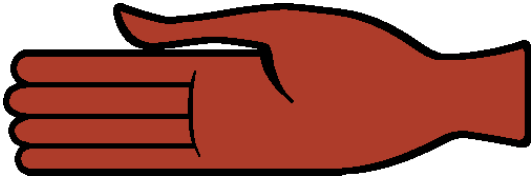
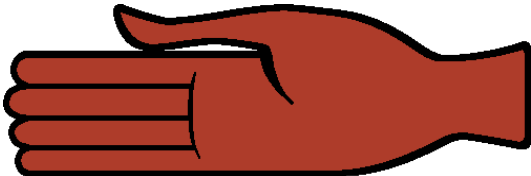
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m</i>	D38	3		forearm with hand holding a rounded loaf Det. in imi 'give'. Phon. mi and more commonly m	<i>mi, m</i>
<i>mi</i>	D38	3		forearm with hand holding a rounded loaf Det. in imi 'give'. Phon. mi and more commonly m	<i>mi, m</i>
<i>hṅk</i>	D39	1		forearm with hand holding bowl W24 Det. offer, present. Occasionally substitute for D36, D37, D38.	<i>hṅk</i>
<i>nhṭ</i>	D40	1		forearm with hand holding stick Det. strong, drag. Tends to replace A24. Abbrev. for xAi 'examine'. Sometimes replaces D37.	<i>hzi, nhṭ</i>
<i>hzi</i>	D40	1		forearm with hand holding stick Det. strong, drag. Tends to replace A24. Abbrev. for xAi 'examine'. Sometimes replaces D37.	<i>hzi, nhṭ</i>

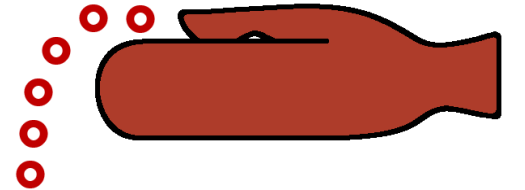


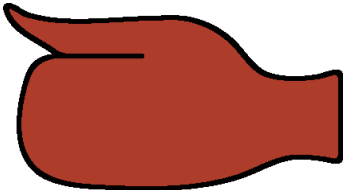

D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ni</i>	D41	1		forearm with palm of hand downwards (upper arm not straight) Det. arm. Det. actions involving movement of arms as in Xms 'bend', 'bow' or rqi 'incline'. Det. cessation of movement as in grH 'cease' or ni 'reject'. Phon. or phon.det. ni	<i>ni, gb3, rmn</i>
<i>rmn</i>	D41	1		forearm with palm of hand downwards (upper arm not straight) Det. arm. Det. actions involving movement of arms as in Xms 'bend', 'bow' or rqi 'incline'. Det. cessation of movement as in grH 'cease' or ni 'reject'. Phon. or phon.det. ni	<i>ni, gb3, rmn</i>
<i>gb3</i>	D41	1		forearm with palm of hand downwards (upper arm not straight) Det. arm. Det. actions involving movement of arms as in Xms 'bend', 'bow' or rqi 'incline'. Det. cessation of movement as in grH 'cease' or ni 'reject'. Phon. or phon.det. ni	<i>ni, gb3, rmn</i>
<i>mḥ</i>	D42	3		forearm with palm of hand downwards (upper arm straight) Ideo. or det. in mH 'cubit'	<i>mḥ</i>
<i>ḥw</i>	D43	2		forearm with hand holding flagellum S45 Ideo. in xwi 'protect'. Phon. xw.	<i>ḥwi, ḥw</i>






D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>hwi</i>	D43	1		forearm with hand holding flagellum S45 Ideo. in xwi 'protect'. Phon. xw.	<i>hwi, hw</i>
<i>hrp</i>	D44	2		forearm with hand holding abA-sceptre S42 Det. control, administer and derivatives. Phon. xrp	<i>hrp</i>
<i><u>d</u>sr</i>	D45	1		arm with hand holding the nHbt-wand Ideo. or det. in Dsr 'clear (a road)', 'be private', 'holy' and derivatives.	<i><u>d</u>sr</i>
<i>d</i>	D46	1		hand Ideo. in Drt 'main'. Phon. d	<i>d, <u>d</u>rt</i>
<i><u>d</u>rt</i>	D46	1		hand Ideo. in Drt 'main'. Phon. d	<i>d, <u>d</u>rt</i>

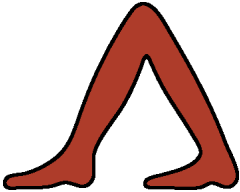
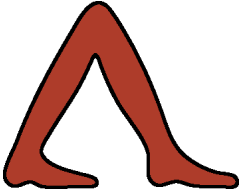



D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>idt</i>	D46A	2		hand letting fall drops Ideo. in idt 'fragrance'	<i>idt</i>
<i>drt</i>	D47	2		hand with curved palm Det. in Drt 'hand' when written phonetically.	<i>drt</i>
<i>šsp</i>	D48	3		hand without thumb Ideo. in Ssp ('a hand-breadth', linear mesure)	<i>šsp</i>
<i>šmm</i>	D49	1		fist Det. grasp: Amm, xfa	<i>šmm</i>
<i>dbc</i>	D50	1		finger - 10 000 Ideo. or det. in Dbā 'finger' and related words. Phon. Dbā Two fingers serve as det. accurate.	<i>dbc</i>






D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dkr</i>	D51	1		finger horizontally Ideo. or det. in ant 'nail'. Det. in xAi 'measure', TAi 'take', dqr 'press'. Phon.det. dqr.	<i>dkr</i>
<i>mt</i>	D52	1		phallus Det. male. Phon. mt.	<i>mt</i>
<i>b3h</i>	D53	1		phallus with liquid issuing from it Det. in Hnn 'phallus', wsS 'urinate', mtwt 'poison'; sometimes in TAY 'male', 'man'.	<i>b3h, mt</i>
<i>mt</i>	D53	2		phallus with liquid issuing from it Det. in Hnn 'phallus', wsS 'urinate', mtwt 'poison'; sometimes in TAY 'male', 'man'.	<i>b3h, mt</i>
<i>iw</i>	D54	2		legs walking Ideo. in iw 'come'. Det. movement as in Sm 'go', tkn 'approach', xAx 'hasten'. Det. in lack of movement as Ab 'stop'.	<i>nmtt, iw</i>


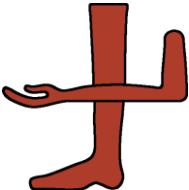
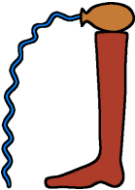
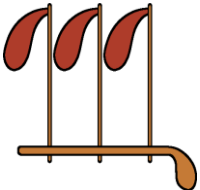
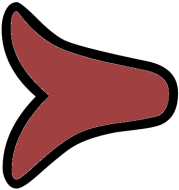
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nmtt</i>	D54	1		legs walking Ideo. in iw 'come'. Det. movement as in Sm 'go', tkn 'approach', xAx 'hasten'. Det. in lack of movement as Ab 'stop'.	<i>nmtt, iw</i>
<i>cnn</i>	D55	1		legs walking backwards Det. backwards as in ann 'turn back', sbhA 'cause to retreat', xtxt 'be reversed'.	<i>cnn</i>
<i>rd</i>	D56	1		leg Ideo. or det. in rd 'foot'. Det. leg, foot. Phon. from pd 'knee', pds; phon. or phon.det., from wart 'leg', war and from sbq 'leg', sbq. Also phon. gH or gHs.	
<i>sbḳ</i>	D56	1		leg Ideo. or det. in rd 'foot'. Det. leg, foot. Phon. from pd 'knee', pds; phon. or phon.det., from wart 'leg', war and from sbq 'leg', sbq. Also phon. gH or gHs.	<i>rd, gḥs, gḥ, sbḳ</i>
<i>gḥ</i>	D56	1		leg Ideo. or det. in rd 'foot'. Det. leg, foot. Phon. from pd 'knee', pds; phon. or phon.det., from wart 'leg', war and from sbq 'leg', sbq. Also phon. gH or gHs.	<i>rd, gḥs, gḥ, sbḳ</i>

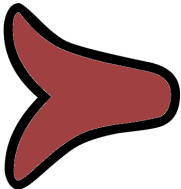
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ghs</i>	D56	2		leg Ideo. or det. in rd 'foot'. Det. leg, foot. Phon. from pd 'knee', pds; phon. or phon.det., from wart 'leg', war and from sbq 'leg', sbq. Also phon. gH or gHs.	<i>rd, ghs, gh, sbk</i>
<i>i3t</i>	D57	4		combination of D56 and T30 Det. mutilate in iAT 'be mutilated' and derivatives. Also det. in nkn 'damage'.	<i>i3t, si3t, i3t</i>
<i>i3t</i>	D57	1		combination of D56 and T30 Det. mutilate in iAT 'be mutilated' and derivatives. Also det. in nkn 'damage'.	<i>i3t, si3t, i3t</i>
<i>si3t</i>	D57	1		combination of D56 and T30 Det. mutilate in iAT 'be mutilated' and derivatives. Also det. in nkn 'damage'.	<i>i3t, si3t, i3t</i>
<i>b</i>	D58	1		foot bw 'place', 'position'. Phon.b	<i>b, bw</i>

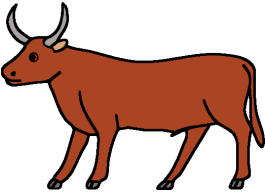
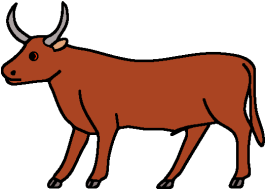
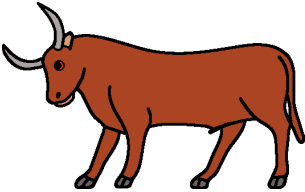
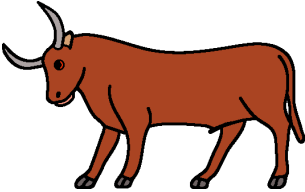

D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>bw</i>	D58	2		foot bw 'place', 'position'. Phon.b	<i>b, bw</i>
<i>cb</i>	D59	1		Combination D58 (leg) and D36 (arm) Phon. ab	<i>cb</i>
<i>wcb</i>	D60	1		combination of D58 (leg) with a vase from which water flows Ideo. in wab 'pure, clean	<i>wcb</i>
<i>s3h</i>	D61	1		toes Ideo. or det. in sAH 'toe'. Phon. or phon.det. sAH.	<i>s3h</i>
<i>r</i>	D153	2		Not in the original Gardiner list ... under investigation	<i>R, r</i>

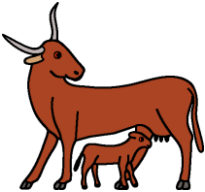



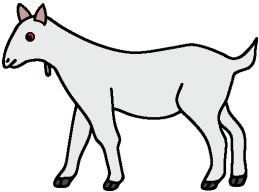
D - Parts of the Human Body

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>R</i>	D153	1		Not in the original Gardiner list ... under investigation	<i>R, r</i>


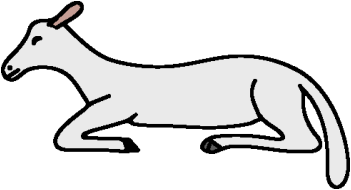
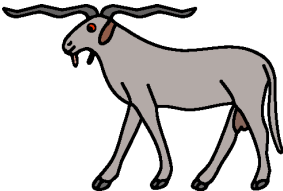
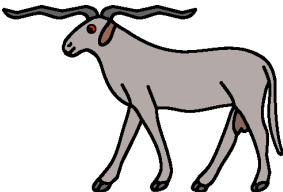
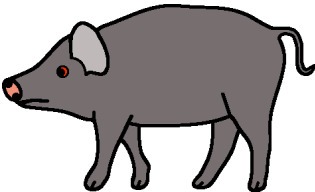
E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ih</i>	E1	2		bull Ideo. in kA 'bull'. Det. cattle in ng 'bull', iwA 'ox', mnmnt'cattle', 'herds'.	<i>ih, k3</i>
<i>k3</i>	E1	3		bull Ideo. in kA 'bull'. Det. cattle in ng 'bull', iwA 'ox', mnmnt'cattle', 'herds'.	<i>ih, k3</i>
<i>sm3</i>	E2	2		aggressive bull Ideo. in kA nxt 'victorious bull' (epithet of Pharaoh). Det. in smA 'fighting bull'.	<i>sm3, k3</i>
<i>k3</i>	E2	4		aggressive bull Ideo. in kA nxt 'victorious bull' (epithet of Pharaoh). Det. in smA 'fighting bull'.	<i>sm3, k3</i>
<i>hs3t</i>	E4	1		sacred HsAt-cow Det. in HsAt 'sacred-HsAt-cow.	<i>hs3t</i>






E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ʒms</i>	E5	2		cow suckling calf Det. in Ams 'show solicitude' as towards child or parent.	<i>ʒms</i>
<i>ssmt</i>	E6	1		horse Ideo. or det. ssmt 'horse'. Det. horse in ibr 'stallion', Htr 'team'.	<i>zzmt, ssmt</i>
<i>zzmt</i>	E6	1		horse Ideo. or det. ssmt 'horse'. Det. horse in ibr 'stallion', Htr 'team'.	<i>zzmt, ssmt</i>
ꜥ3	E7	2		ass Det. in aA 'ass'. In hieratic, sometimes replaced by E20.	ꜥ3
<i>ib</i>	E8	2		kid Phon. det. ib. Det. small cattle as in awt 'flocks', 'goats' and mnmnt 'herds'.	<i>ib</i>






E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	E8A	3		kid jumping form not found before Dyn. XIX	<i>ib</i>
<i>iʕ</i>	E9	3		newborn bubalis or hartebeest Phon. iw as in iwr 'conceive', iwa 'inherit'.	<i>iʕ</i>
<i>b₃</i>	E10	2		ram Det. in bA 'ram', \$nmw 'Chnum' (ram-headed god). Det. sheep as in sr 'sheep'.	<i>b₃</i>
	E11	3		ram (O.K. form of E10) Use as E10.	<i>b₃</i>
<i>rrɨ</i>	E12	1		pig Det. in rri 'pig' and SAi 'pig'.	<i>rrɨ</i>

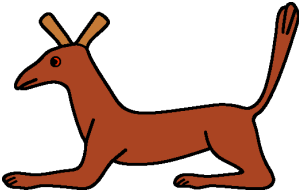
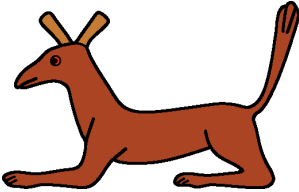
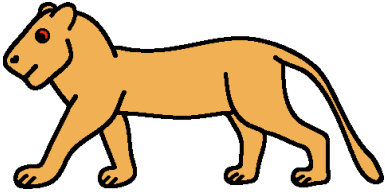
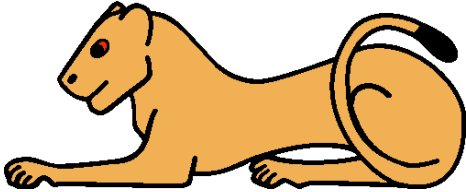
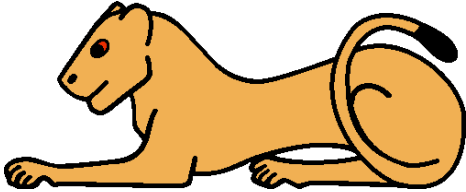
E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>miw</i>	E13	1		cat Det. in miw 'cat'.	<i>miw</i>
<i>iʷ</i>	E14	4		greyhound (slughi) Det. dog in iw 'dog', Tsm 'hound'.	<i>iʷ, tsm</i>
<i>tsm</i>	E14	1		greyhound (slughi) Det. dog in iw 'dog', Tsm 'hound'.	<i>iʷ, tsm</i>
<i>inpw</i>	E15	2		recumbent dog Ideo. or det. in Inpw 'Anubis'. Also sportive ideo. in Hry-sStA 'he who is over the secrets'.	<i>inpw</i>
	E16	3		recumbent dog on shrine Ideo. or det. in Inpw 'Anubis'	<i>inpw</i>

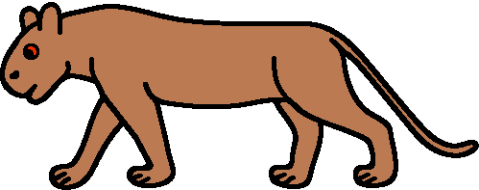
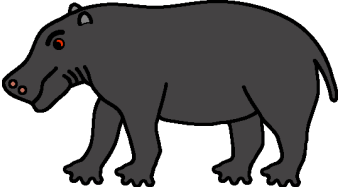



E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
s3b	E17	1		jackal Ideo. or det. in sAb 'jackal' and related words as sAb 'dignitary'	s3b, z3b
z3b	E17	1		jackal Ideo. or det. in sAb 'jackal' and related words as sAb 'dignitary'	s3b, z3b
wprw3wt	E18	1		wolf on standard R12 Ideo. or det. in Wp-wAwt'Wepwawet' (the wolf-god)	wprw3wt
hnnw	E20	1		animal of seth (kind of pig?) Ideo. in %tX 'Seth' (god). Det. turmoil as in Xnnw	hnnw, sth
sth	E20	2		animal of seth (kind of pig?) Ideo. in %tX 'Seth' (god). Det. turmoil as in Xnnw	hnnw, sth





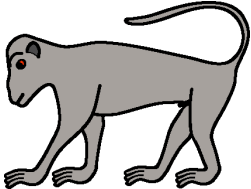
E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nšni</i>	E21	1		animal of Seth recumbent Det. turmoil as in nSni 'storm'	<i>nšni, sth</i>
<i>sth</i>	E21	3		animal of Seth recumbent Det. turmoil as in nSni 'storm'	<i>nšni, sth</i>
<i>mzi</i>	E22	1		lion Det. in mAi 'lion'	<i>mzi</i>
<i>l</i>	E23	1		recumbent lion Ideo. in rw 'lion'. Phon. rw. Sometimes phon. r.	<i>l, rw</i>
<i>rw</i>	E23	1		recumbent lion Ideo. in rw 'lion'. Phon. rw. Sometimes phon. r.	<i>l, rw</i>

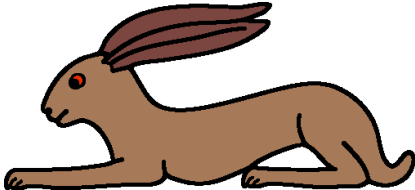
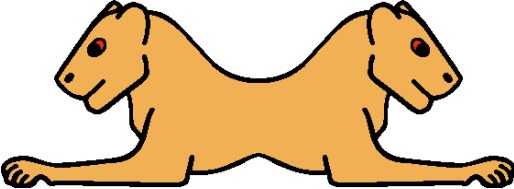
E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ꜣby	E24	1		panther Ideo. or det. in Aby 'panther', 'leopard'.	ꜣby
db	E25	2		hippopotamus Det. in db, xAb 'hippopotamus'.	db
mmi	E27	1		giraffe Ideo. in mmy 'giraffe'. Det. sr in sr 'foretell' (reason ?).	mmi
ghs	E29	1		gazelle Det. in gHs 'gazelle'.	ghs
niꜣw	E30	1		ibex Det. in nAw 'ibex'.	niꜣw


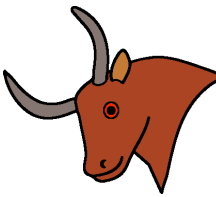

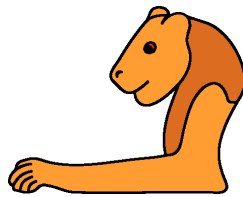

E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sch</i>	E31	1		goat with collar carrying a cylinder seal Ideo. or det? in saH 'rank', 'dignity' and related words.	<i>sch</i>
<i>icn</i>	E32	1		sacred baboon (Cynocephalus hamadryas) Det. in ian 'sacred baboon', ky 'monkey'. Det. in qnd 'be furious'.	<i>icn, ky, knd</i>
<i>knd</i>	E32	1		sacred baboon (Cynocephalus hamadryas) Det. in ian 'sacred baboon', ky 'monkey'. Det. in qnd 'be furious'.	<i>icn, ky, knd</i>
<i>ky</i>	E32	1		sacred baboon (Cynocephalus hamadryas) Det. in ian 'sacred baboon', ky 'monkey'. Det. in qnd 'be furious'.	<i>icn, ky, knd</i>
<i>gif</i>	E33	1		monkey Det. monkey in gf 'monkey'	<i>gif</i>




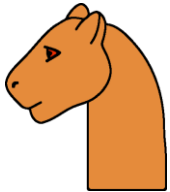

E - Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>wn</i>	E34	1		desert hare Phon. wn	<i>wn</i>
<i>ʒkr</i>	E128	1		Not in the original Gardiner list ... under investigation	<i>ʒkr</i>






F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ih</i>	F1	3		head of ox Replaces E1 kA in the formula of offering and like.	<i>ih</i>
<i>dnd</i>	F2	1		head of infuriated bull Det. in Dnd 'rage'.	<i>dnd</i>
<i>ʕt</i>	F3	1		head pf hippopotamus Semi-ideo. in At 'striking power'. Phon. At in At 'moment' 'attack'.	<i>ʕt</i>
<i>hʕt</i>	F4	1		forepart of lion Ideo. in HAt 'front' and derivatives...HAty-a 'prince'.	<i>hʕt</i>
<i>ššʕ</i>	F5	1		head of bubalis Phon. or phon. det. SsA. Sometimes incorrectly as phon.det. sSA.	<i>ššʕ</i>




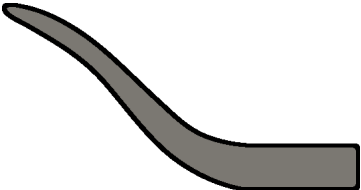
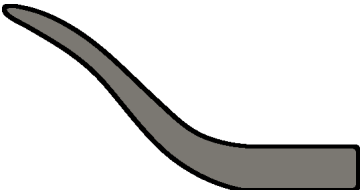
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šfyṯ</i>	F7	1		ram's head Det. in Sft 'eam's head', also in SfSft 'dignity'.	<i>šfyṯ</i>
	F8	2		forepart of ram Use as F7.	<i>šfyṯ</i>
<i>ṣṯ</i>	F9	2		head of leopard Det. or abbrev. in pHty 'strength'.	<i>ṣm, pḥṯi</i>
<i>pḥṯi</i>	F9	1		head of leopard Det. or abbrev. in pHty 'strength'.	<i>ṣm, pḥṯi</i>
<i>ṣm</i>	F10	1		head and neck of long-necked animal Det. neck, throat in xx 'throat' and also activities connected: am 'swallow'.	<i>ḥṯyt, ḥḥ, ṣm</i>

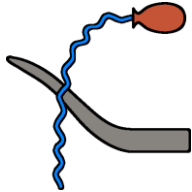




F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥtyt</i>	F10	1		head and neck of long-necked animal Det. neck, throat in xx 'throat' and also activities connected: am 'swallow'.	<i>ḥtyt, ḥḥ, ʕm</i>
<i>ḥḥ</i>	F10	1		head and neck of long-necked animal Det. neck, throat in xx 'throat' and also activities connected: am 'swallow'.	<i>ḥtyt, ḥḥ, ʕm</i>
<i>ʕm</i>	F11	2		head and neck of long-necked animal O.K. form of F10. Use as F10.	<i>ḥḥ, ʕm, ḥtyt</i>
<i>ḥtyt</i>	F11	2		head and neck of long-necked animal O.K. form of F10. Use as F10.	<i>ḥḥ, ʕm, ḥtyt</i>
<i>ḥḥ</i>	F11	2		head and neck of long-necked animal O.K. form of F10. Use as F10.	<i>ḥḥ, ʕm, ḥtyt</i>

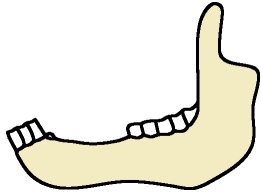
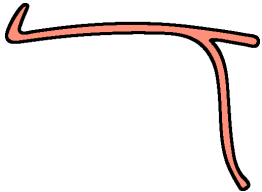
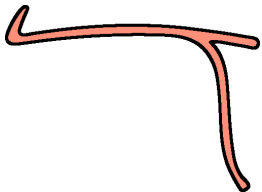
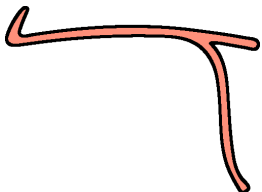
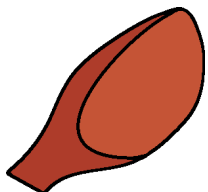
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>wsr</i>	F12	1		head and neck of canine animal Ideo. in wsrt 'neck'. Phon. wsr.	<i>wsr</i>
<i>wp</i>	F13	1		horns of ox Ideo. in wpt 'brow' 'top (of forehead)', 'beginning'. Phon. wp	<i>wp</i>
<i>msdr</i>	F14	3		combination of F13 (horns of ox) and M4 (palm-branch stripped of leaves and notched) In wpt-rnpt 'New Year's Day'	<i>msdr</i>
<i>cb</i>	F16	2		horn Ideo. or det. in db, Hnt, ab 'horn'. Phon. or phon.det. ab	<i>cb, db</i>
<i>db</i>	F16	1		horn Ideo. or det. in db, Hnt, ab 'horn'. Phon. or phon.det. ab	<i>cb, db</i>

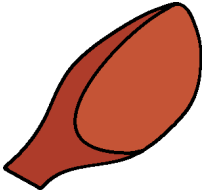
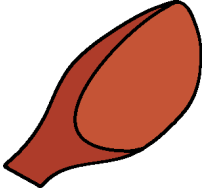
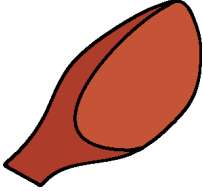
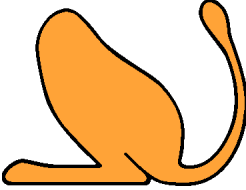
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>cbw</i>	F17	1		combination of F16 and a vase with water (D60) In abw 'purification'.	<i>cbw</i>
<i>bị̉z</i>	F18	2		tusk of elephant Det. tooth in ibH 'tooth' and actions conected therewith as psH 'bite', sbt 'laugh'. Phon. or phon.det. bH.	<i>nḥdt, ḥw, bị̉z, ḅh</i>
<i>ḅh</i>	F18	1		tusk of elephant Det. tooth in ibH 'tooth' and actions conected therewith as psH 'bite', sbt 'laugh'. Phon. or phon.det. bH.	<i>nḥdt, ḥw, bị̉z, ḅh</i>
<i>nḥdt</i>	F18	1		tusk of elephant Det. tooth in ibH 'tooth' and actions conected therewith as psH 'bite', sbt 'laugh'. Phon. or phon.det. bH.	<i>nḥdt, ḥw, bị̉z, ḅh</i>
<i>ḥw</i>	F18	1		tusk of elephant Det. tooth in ibH 'tooth' and actions conected therewith as psH 'bite', sbt 'laugh'. Phon. or phon.det. bH.	<i>nḥdt, ḥw, bị̉z, ḅh</i>

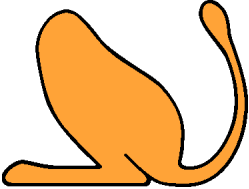
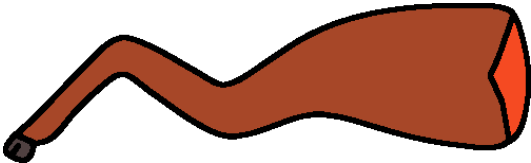
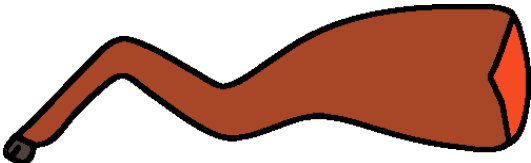
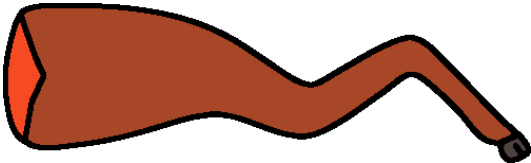
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>crt</i>	F19	1		lower jaw-bone of ox Det. in art 'jaw'	<i>crt</i>
<i>mr</i>	F20	2		tongue of ox (?) Ideo. in ns 'tongue'. Phon. ns. Det. actions connected with tongue, dp 'taste'.	<i>dp, mr, ns</i>
<i>ns</i>	F20	1		tongue of ox (?) Ideo. in ns 'tongue'. Phon. ns. Det. actions connected with tongue, dp 'taste'.	<i>dp, mr, ns</i>
<i>dp</i>	F20	1		tongue of ox (?) Ideo. in ns 'tongue'. Phon. ns. Det. actions connected with tongue, dp 'taste'.	<i>dp, mr, ns</i>
<i>idn</i>	F21	1		ear of ox (?) Ideo. or det. ear as in msDr 'ear'; also in actions connected with ear as sDm 'hear', idi 'be deaf'. Phon. or phon.det.idn.	<i>cnḥ, drd, sdm, idn</i>

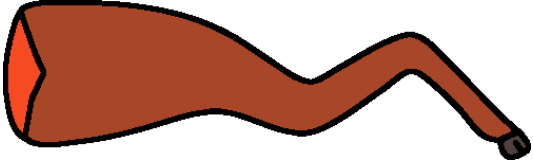

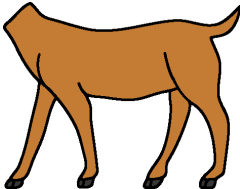

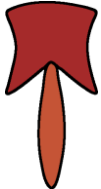
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ꜥnh</i>	F21	2		ear of ox (?) Ideo. or det. ear as in msDr 'ear'; also in actions connected with ear as sDm 'hear', idi 'be deaf'. Phon. or phon.det.idn.	<i>ꜥnh, <u>dr</u>d, <u>sd</u>m, <u>id</u>n</i>
<i>s<u>d</u>m</i>	F21	1		ear of ox (?) Ideo. or det. ear as in msDr 'ear'; also in actions connected with ear as sDm 'hear', idi 'be deaf'. Phon. or phon.det.idn.	<i>ꜥnh, <u>dr</u>d, <u>sd</u>m, <u>id</u>n</i>
<i><u>dr</u>d</i>	F21	1		ear of ox (?) Ideo. or det. ear as in msDr 'ear'; also in actions connected with ear as sDm 'hear', idi 'be deaf'. Phon. or phon.det.idn.	<i>ꜥnh, <u>dr</u>d, <u>sd</u>m, <u>id</u>n</i>
<i>ph</i>	F22	1		hind-quarters of lion or leopard Ideo. in pHwy 'hind-quarters', 'end'. Phon. or phon.det. pH in pH 'reach'. Det. in kfA 'bottom'. Phon. or phon.det. kfA. Det. in art 'hind-quarters'.	<i>kf3, ph</i>

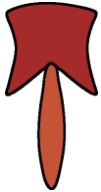
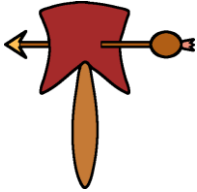
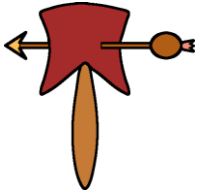
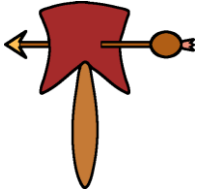
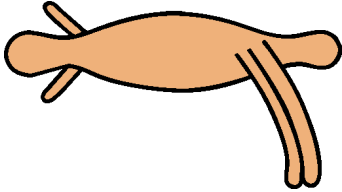
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>kf₃</i>	F22	1		hind-quarters of lion or leopard Ideo. in pHwy 'hind-quarters', 'end'. Phon. or phon.det. pH in pH 'reach'. Det. in kfA 'bottom'. Phon. or phon.det. kfA. Det. in art 'hind-quarters'.	<i>kf₃, pḥ</i>
<i>msḥtᵢw</i>	F23	1		foreleg of ox Ideo; or det. in xpS 'foreleg', 'arm'. Det. in Msxtyw 'the Great Bear'.	<i>ḥpš, msḥtᵢw</i>
<i>ḥpš</i>	F23	1		foreleg of ox Ideo; or det. in xpS 'foreleg', 'arm'. Det. in Msxtyw 'the Great Bear'.	<i>ḥpš, msḥtᵢw</i>
<i>msḥtᵢw</i>	F24	2		foreleg of ox (F23 reversed) Use as F23	<i>msḥtᵢw, ḥpš</i>

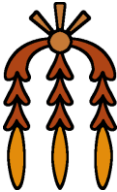
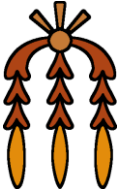
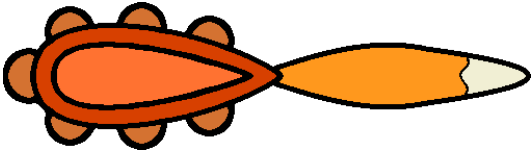
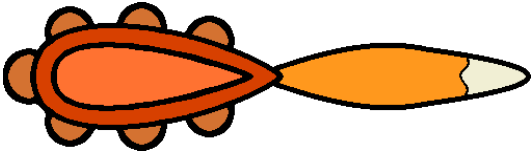
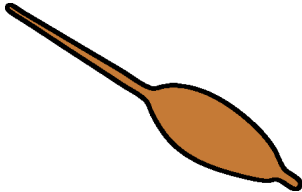
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥpš</i>	F24	2		foreleg of ox (F23 reversed) Use as F23	<i>msḥtṯw, ḥpš</i>
<i>wḥm</i>	F25	1		leg and hoof of ox Ideo. in wḤmt 'hoof ' of ox. Phon. wḤmt	<i>wḥm</i>
<i>ḥn</i>	F26	1		skin of goat Ideo. in Xnt 'skin'. Phon. Xn(w).	<i>ḥn</i>
<i>dḥr</i>	F27	1		cow's skin Det. skin in dḤr 'hide', 'leather', mskA 'skin', 'rug' and mammals generally.	<i>dḥr</i>
<i>ʒb</i>	F28	2		cow's skin (alternative form of F27) Ideo. dappled as in sAb Swt 'variegated of feathers'	<i>ʒb, sʒb</i>

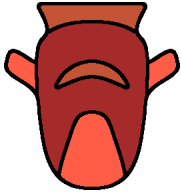
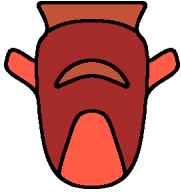



F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>s3b</i>	F28	2		cow's skin (alternative form of F27) Ideo. dappled as in sAb Swt 'variegated of feathers'	<i>3b, s3b</i>
<i>st</i>	F29	3		cow's skin pierced by an arrow Ideo. or det. in sti 'pierce' and derivatives. Phon. st	<i>sti', st, st</i>
<i>sti'</i>	F29	1		cow's skin pierced by an arrow Ideo. or det. in sti 'pierce' and derivatives. Phon. st	<i>sti', st, st</i>
<i>st</i>	F29	2		cow's skin pierced by an arrow Ideo. or det. in sti 'pierce' and derivatives. Phon. st	<i>sti', st, st</i>
<i>šd</i>	F30	1		water-skin Det. in Sdw 'water-skin', 'cushion'. Phon. Sd	<i>šd</i>

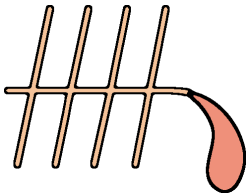
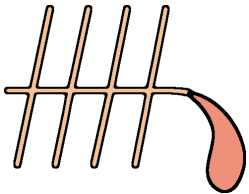
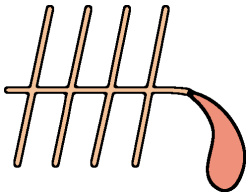
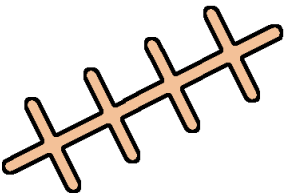
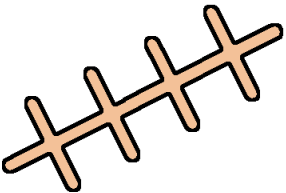
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ms</i>	F31	1		three foxes' skins tied together In mst 'apron of foxes' skins'. Phon. ms.	<i>msi̎, ms</i>
<i>msi̎</i>	F31	3		three foxes' skins tied together In mst 'apron of foxes' skins'. Phon. ms.	<i>msi̎, ms</i>
<i><u>h</u></i>	F32	1		animal's belly showing teats and tail Ideo. in Xt 'belly', 'body'. Phon. X	<i><u>h</u>, <u>ht</u></i>
<i><u>ht</u></i>	F32	1		animal's belly showing teats and tail Ideo. in Xt 'belly', 'body'. Phon. X	<i><u>h</u>, <u>ht</u></i>
<i>sd</i>	F33	1		tail Det. in sd 'tail'. Phon. or phon.det. sd	<i>sd</i>

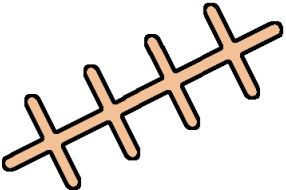
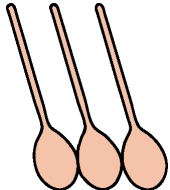
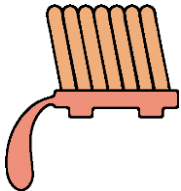
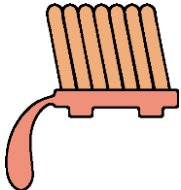
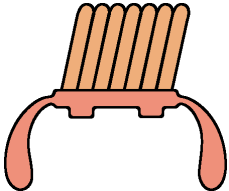
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ib</i>	F34	1		heart Ideo. in <i>ib</i> 'heart'. Det. in HAty 'heart'.	<i>ib, ḥ3ty</i>
<i>ḥ3ty</i>	F34	1		heart Ideo. in <i>ib</i> 'heart'. Det. in HAty 'heart'.	<i>ib, ḥ3ty</i>
<i>nfr</i>	F35	1		heart and windpipe Phon. <i>nfr</i> (reason?) in <i>nfr</i> 'good' and related words	<i>nfr</i>
<i>sm3</i>	F36	1		lung and windpipe in <i>smA</i> 'lung'. Phon. or phon.det. <i>smA</i> .	<i>sm3, zm3</i>
<i>zm3</i>	F36	1		lung and windpipe in <i>smA</i> 'lung'. Phon. or phon.det. <i>smA</i> .	<i>sm3, zm3</i>

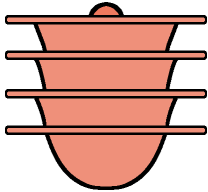
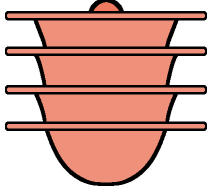
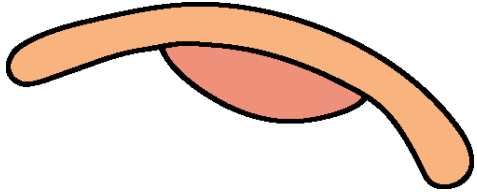


F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>iʒt</i>	F37	5		backbone and ribs Ideo. or det. in iAt 'back'. Det. in psd 'back'.	<i>psd, sm, iʒt</i>
<i>psd</i>	F37	4		backbone and ribs Ideo. or det. in iAt 'back'. Det. in psd 'back'.	<i>psd, sm, iʒt</i>
<i>sm</i>	F37	3		backbone and ribs Ideo. or det. in iAt 'back'. Det. in psd 'back'.	<i>psd, sm, iʒt</i>
<i>iʒt</i>	F37B	6		Not in the original Gardiner list ... under investigation	<i>iʒt, sm, psd</i>
<i>psd</i>	F37B	5		Not in the original Gardiner list ... under investigation	<i>iʒt, sm, psd</i>

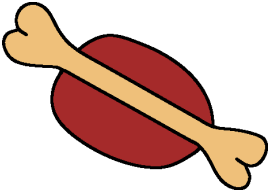
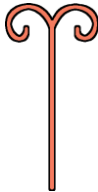
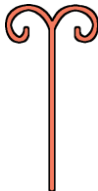


F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sm</i>	F37B	4		Not in the original Gardiner list ... under investigation	<i>ṯt, sm, psd</i>
<i>psd</i>	F38	6		alternative of F37. Det. in psd 'back'	<i>psd</i>
<i>ṯmṣḥ</i>	F39	1		backbone with spinal cord issuing from it Ideo. in imAx 'spinal cord', 'venerated state'.	<i>psd, ṯmṣḥ</i>
<i>psd</i>	F39	7		backbone with spinal cord issuing from it Ideo. in imAx 'spinal cord', 'venerated state'.	<i>psd, ṯmṣḥ</i>
<i>ṣw</i>	F40	1		portion of backbone with spinal cord issuing at both ends Ideo. in Awi 'tretch out', 'be long'. Phon. Aw.	<i>ṣw</i>






F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>psḏ</i>	F41	8		vertebrae conventionally depicted Det. (rare) in psḏ 'back'.	<i>psḏ, šṛt</i>
<i>šṛt</i>	F41	1		vertebrae conventionally depicted Det. (rare) in psḏ 'back'.	<i>psḏ, šṛt</i>
<i>spr</i>	F42	1		rib Ideo. or det. in spr 'rib'. Phon. spr in spr 'approach' and derivatives.	<i>spr</i>
<i>spḥt</i>	F43	1		ribs of beef Det. in spḥt 'ribs of beef'.	<i>spḥt</i>
<i>iṣw</i>	F44	1		leg-bone with adjoining meat Det. in iwa 'thigh (of beef)', 'femur'. Phon. or phon.det. iwa in iwa 'inherit'. Det. in swt 'leg of beef', 'tibia'. Phon. isw.	<i>iṣw, iṣw</i>




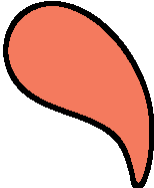
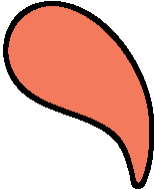
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>isw</i>	F44	1		leg-bone with adjoining meat Det. in iwa 'thigh (of beef)', 'femur'. Phon. or phon.det. iwa in iwa 'inherit'. Det. in swt 'leg of beef', 'tibia'. Phon. isw.	<i>isw, iwr</i>
<i>id</i>	F45	2		bicornuate uterus of heifer Ideo. or det. in idt 'vimva', 'cow'.	<i>idt, id</i>
<i>idt</i>	F45	3		bicornuate uterus of heifer Ideo. or det. in idt 'vimva', 'cow'.	<i>idt, id</i>
<i>wdb</i>	F46	2		intestine Ideo. in qAb 'intestine'. Semi-ideo. in m-qAb 'in the midst of'. Ideo. and later phon. in pXr 'turn', 'go round' and derivatives.	<i>wdb, k3b, phr</i>
<i>phr</i>	F46	1		intestine Ideo. in qAb 'intestine'. Semi-ideo. in m-qAb 'in the midst of'. Ideo. and later phon. in pXr 'turn', 'go round' and derivatives.	<i>wdb, k3b, phr</i>

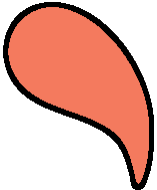
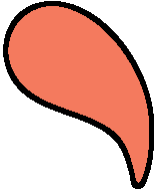
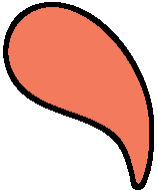
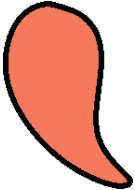
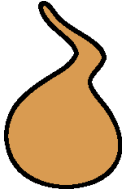
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>kꜣb</i>	F46	1		intestine Ideo. in qAb 'intestine'. Semi-ideo. in m-qAb 'in the midst of'. Ideo. and later phon. in pXr 'turn', 'go round' and derivatives.	<i>wḏb, kꜣb, pḥr</i>
<i>wḏb</i>	F47	3		intestine Use as F46	<i>pḥr, wḏb</i>
<i>pḥr</i>	F47	2		intestine Use as F46	<i>pḥr, wḏb</i>
<i>wḏb</i>	F48	4		intestine Use as F46.	<i>pḥr, wḏb</i>
<i>pḥr</i>	F48	3		intestine Use as F46.	<i>pḥr, wḏb</i>


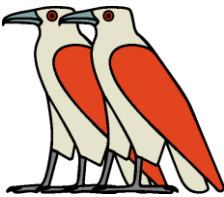

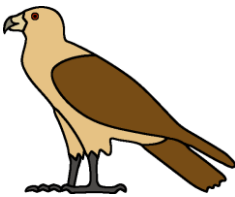
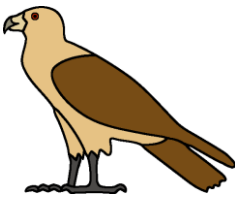
F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>wḏb</i>	F49	5		intestine Use as F46	<i>pḥr, wḏb</i>
<i>pḥr</i>	F49	4		intestine Use as F46	<i>pḥr, wḏb</i>
<i>spḥr</i>	F50	1		combination of F46 and S29 In spXr 'copy', 'write out'.	<i>spḥr</i>
<i>iw</i>	F51	5		piece of flesh Det. limb, flesh in at 'limb', Ha 'flesh': parts of the body as in nHbt 'neck'; meat as in iwf 'meat'.	<i>ws, nḥbt, ḥꜥw, iw, iwḥ</i>
<i>iwḥ</i>	F51	1		piece of flesh Det. limb, flesh in at 'limb', Ha 'flesh': parts of the body as in nHbt 'neck'; meat as in iwḥ 'meat'.	<i>ws, nḥbt, ḥꜥw, iw, iwḥ</i>






F - Parts of Mammals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ws</i>	F51	3		piece of flesh Det. limb, flesh in at 'limb', Ha 'flesh': parts of the body as in nHbt 'neck'; meat as in iwf 'meat'.	<i>ws, nḥbt, ḥrw, iw, iwḥ</i>
<i>nḥbt</i>	F51	2		piece of flesh Det. limb, flesh in at 'limb', Ha 'flesh': parts of the body as in nHbt 'neck'; meat as in iwf 'meat'.	<i>ws, nḥbt, ḥrw, iw, iwḥ</i>
<i>ḥrw</i>	F51	1		piece of flesh Det. limb, flesh in at 'limb', Ha 'flesh': parts of the body as in nHbt 'neck'; meat as in iwf 'meat'.	<i>ws, nḥbt, ḥrw, iw, iwḥ</i>
<i>iwḥ</i>	F51B	2		Not in the original Gardiner list ... under investigation	<i>iwḥ</i>
<i>ḥs</i>	F52	2		excrement Det. in Hs 'excrement'.	<i>ḥs</i>




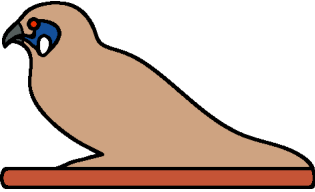
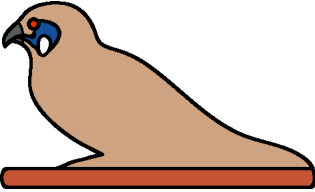
G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ꜥ	G1	1		Egyptian vulture (Neophron percnopterus) Ideo. in A 'vulture'. Phon. A. Often indistinguishable from G4.	ꜥ
ꜥꜥ	G2	1		two vultures G1 Phon. AA as in mAA 'see'.	ꜥꜥ
mꜥ	G3	4		combination of G1 and U1 Phon. mA as in smAwy 'renew'.	mꜥ
tyw	G4	1		long-legged buzzard (Buteo ferox) Phon. tyw as in Xrtyw-nTr 'necropolis workmen'.	tw, tyw
tw	G4	1		long-legged buzzard (Buteo ferox) Phon. tyw as in Xrtyw-nTr 'necropolis workmen'.	tw, tyw

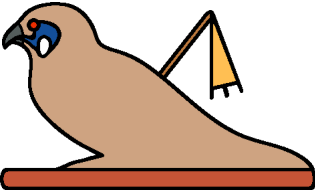
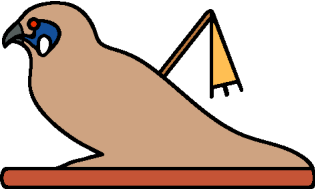
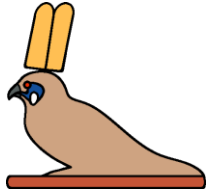
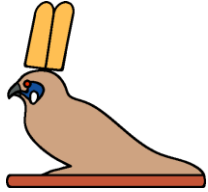

G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥrw</i>	G5	1		falcon Ideo; in @rw 'Horus' (the falcon-god).	<i>ḥrw</i>
<i>bik</i>	G6	1		falcon with flagellum S45 Det; in bik 'falcon'.	<i>bik</i>
<i>nsw</i>	G7	8		falcon of Horus on the standard R12 Det. in @r(w) 'Horus' (O.K). Det. of gods or king. Ideo. in pronouns of 1st pers. sing. when the king is speaking as in wi 'I', 'me'.	<i>nsw, n̄tr</i>
<i>n̄tr</i>	G7	3		falcon of Horus on the standard R12 Det. in @r(w) 'Horus' (O.K). Det. of gods or king. Ideo. in pronouns of 1st pers. sing. when the king is speaking as in wi 'I', 'me'.	<i>nsw, n̄tr</i>
<i>ḥrnbw</i>	G8	1		falcon Horus on S12 (sign for gold) In title of the king @r n nbw 'Horus of gold'.	<i>ḥrnbw</i>





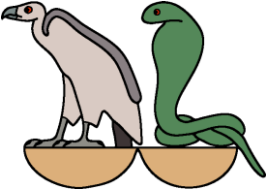
G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ꜥꜥ</i>	G9	4		falcon of Horus bearing the sun (N5) on head In Ra-@r-Axty 'Re-Harakhti'.	<i>ꜥꜥ</i>
<i>ḥnꜣw</i>	G10	1		falcon on a special sacred bark Det. in %kr 'Sokar' (god) and in Hnw ' the Hnw-bark (of Sokar).	<i>skr, ḥnꜣw</i>
<i>skr</i>	G10	1		falcon on a special sacred bark Det. in %kr 'Sokar' (god) and in Hnw ' the Hnw-bark (of Sokar).	<i>skr, ḥnꜣw</i>
<i>ḥꜣm</i>	G11	1		archaic image of a falcon Det. in aSm, aXm, axm 'divine image' and in Snbt 'breast'.	<i>šnbt, ḥꜣm</i>
<i>šnbt</i>	G11	1		archaic image of a falcon Det. in aSm, aXm, axm 'divine image' and in Snbt 'breast'.	<i>šnbt, ḥꜣm</i>


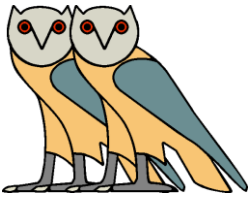



G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥm</i>	G12	2		archaic image of a falcon with flagelum S45 Det. in axm 'divine image' (as G11).	<i>ḥm, šnbt</i>
<i>šnbt</i>	G12	2		archaic image of a falcon with flagelum S45 Det. in axm 'divine image' (as G11).	<i>ḥm, šnbt</i>
<i>nḥny</i>	G13	1		archaic image of falcon with the double plumes S9 Ideo. in @r Nxn(y)' 'Horus of Nekhen' (god). Det. in %pdw 'Sopd' (god).	<i>spdṯ, nḥny</i>
<i>spdṯ</i>	G13	1		archaic image of falcon with the double plumes S9 Ideo. in @r Nxn(y)' 'Horus of Nekhen' (god). Det. in %pdw 'Sopd' (god).	<i>spdṯ, nḥny</i>
<i>mwt</i>	G14	1		vulture (Gyps fulvus) Det. in nrt 'vulture'. Phon.det. nr. Det. (reason ?) in mwt 'mother'. Phon. mt	<i>mt, mwt, nr, nrt</i>



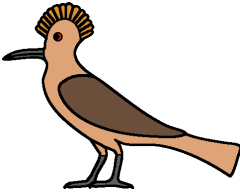


G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mt</i>	G14	3		vulture (Gyps fulvus) Det. in nrt 'vulture'. Phon.det. nr. Det. (reason ?) in mwt 'mother'. Phon. mt	<i>mt, mwt, nr, nrt</i>
<i>nr</i>	G14	2		vulture (Gyps fulvus) Det. in nrt 'vulture'. Phon.det. nr. Det. (reason ?) in mwt 'mother'. Phon. mt	<i>mt, mwt, nr, nrt</i>
<i>nrt</i>	G14	1		vulture (Gyps fulvus) Det. in nrt 'vulture'. Phon.det. nr. Det. (reason ?) in mwt 'mother'. Phon. mt	<i>mt, mwt, nr, nrt</i>
<i>mwt</i>	G15	2		vulture with flagellum S45 Ideo. in Mwt 'mut' (the goddess).	<i>mwt</i>
<i>nbty</i>	G16	1		tue vulture-goddess Nekhbet and the cobra-goddess Edjo on baskets V30 In nbty 'Two-ladies' (title of the king).	<i>nbty</i>


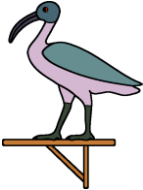
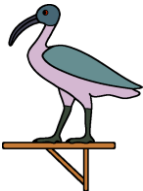
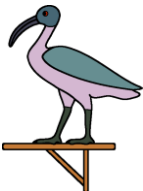

G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m</i>	G17	1		owl Phon. m	<i>m</i>
<i>mm</i>	G18	1		two owls as monogram Phon. mm as in imm 'not having been'.	<i>mm</i>
<i>m</i>	G19	4		combination of G17 and D37 Phon. m(i) as in mhy 'be neglectful'.	<i>m, mi'</i>
<i>mi'</i>	G19	4		combination of G17 and D37 Phon. m(i) as in mhy 'be neglectful'.	<i>m, mi'</i>
<i>m</i>	G20	5		combination of G17 and D36 Use as F19.	<i>m, mi'</i>



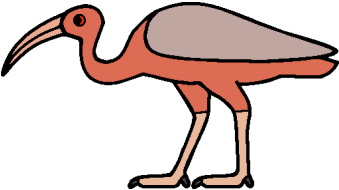


G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mi</i>	G20	5		combination of G17 and D36 Use as F19.	<i>m, mi</i>
<i>nh</i>	G21	1		Sennar guinea-fowl (Numida m. meleagris) Ideo. in nH 'the nH-bird'. Phon. nH.	<i>nh</i>
<i>db</i>	G22	1		hoopoe (Upupa epops) Phon. Db as in Dbt 'brick'.	<i>db</i>
<i>rhyt</i>	G23	2		lapwing (Vanellus cristatus) Phon. or phon.det. rx(y)t in rxyt 'common folk'.	<i>rhyt</i>
	G24	1		lapwing with wings twisted round one another Use as G23.	<i>rhyt</i>

G - Birds






Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ꜥb	G25	1		crested ibis (Ibis comata) Ideo. or semi-ideo. in Ax 'spirit', 'spirit-like nature'. Semi-phon. Ax in Ax 'be glorious', 'beneficial' and derivatives.	ꜥb
hb	G26	2		sacred ibis (Ibis religiosa) on the standard R12 Det. in hb 'ibis' and in +Hwty 'Thoth' (the ibis-god).	ḥḥwti, dḥwty, hb
ḥḥwti	G26	1		sacred ibis (Ibis religiosa) on the standard R12 Det. in hb 'ibis' and in +Hwty 'Thoth' (the ibis-god).	ḥḥwti, dḥwty, hb
dḥwty	G26	2		sacred ibis (Ibis religiosa) on the standard R12 Det. in hb 'ibis' and in +Hwty 'Thoth' (the ibis-god).	ḥḥwti, dḥwty, hb
hb	G26A	3		sacred ibis Use as F26	hb, dḥwty

G - Birds

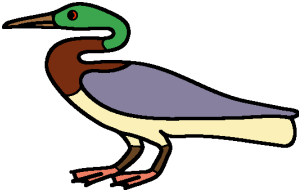
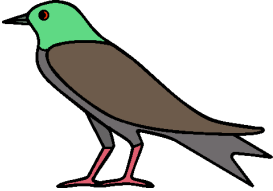
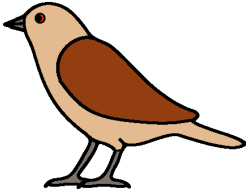
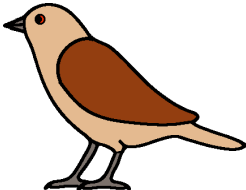
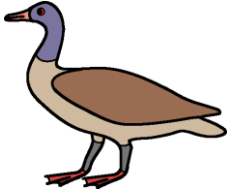
Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḏḥwty</i>	G26A	3		sacred ibis Use as F26	<i>hb, ḏḥwty</i>
<i>dšr</i>	G27	1		flamingo (Phoenicopterus roseus) Det; in dSr 'flamingo'. Semi-phon. dSr in dSr 'red' and derivatives.	<i>dšr</i>
<i>gm</i>	G28	1		black ibis (Plegadis falcinellus) In gmt-bird, 'the gmt-bird'. Phon. gm.	<i>gm</i>
<i>bꜣ</i>	G29	1		jabiru (Ephippiorhynchus senegalensis) Ideo. in bA 'soul' (in bird form). Phon. bA. In group-writings, used for b.	<i>bꜣ</i>
<i>bꜣw</i>	G30	1		three jabirus (monogram) In bAw 'spirits', 'might'.	<i>bꜣw</i>



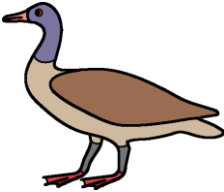
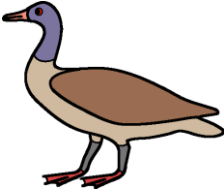
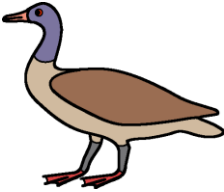


G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>bnw</i>	G31	1		heron (Ardea cinerea) Det. in bnw 'phoenix'. Very similar bird is det. in Snty 'heron'.	<i>bnw</i>
<i>bḥ</i>	G32	1		heron on a perch Ideo. or det. in baHi 'be inundated'.	<i>bḥ, bḥi</i>
<i>bḥi</i>	G32	1		heron on a perch Ideo. or det. in baHi 'be inundated'.	<i>bḥ, bḥi</i>
<i>sd3</i>	G33	1		buff-backed egret (?) Det. in sdA 'the sdA-bird'. Phon.det. in sdA 'tremble'.	<i>sd3</i>
<i>niw</i>	G34	1		ostrich (Struthio camelus) Det. in niw 'ostrich'.	<i>niw</i>






G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ꜥk</i>	G35	1		cormorant Phon. aq	<i>ꜥk</i>
<i>wꜣ</i>	G36	1		swallow or martin Phon. wꜣ as in wꜣ 'great'.	<i>wꜣ</i>
<i>bꜣn</i>	G37	1		sparrow (Passer domesticus aegypticus) Det. small, bad, defective as in nDs 'small', Sw 'empty', mr 'ill'.	<i>bꜣn, nꜣs</i>
<i>nꜣs</i>	G37	1		sparrow (Passer domesticus aegypticus) Det. small, bad, defective as in nDs 'small', Sw 'empty', mr 'ill'.	<i>bꜣn, nꜣs</i>
<i>ꜣpd</i>	G38	1		white-fronted goose (Anser albifrons) Det. in gb 'the gb-goose'. Semi-phon. gb in Gb 'Geb' (the earth-god). Det. in Apd 'bird' 'goose'.	<i>ꜣꜣꜣ, gb, ꜣꜣꜣ, ꜣpd</i>



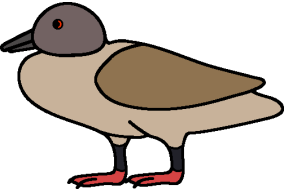
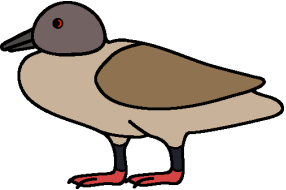

G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥtm</i>	G38	1		white-fronted goose (Anser albifrons) Det. in gb 'the gb-goose'. Semi-phon. gb in Gb 'Geb' (the earth-god). Det. in Apd 'bird' 'goose'.	<i>trp, gb, ḥtm, ʒpd</i>
<i>gb</i>	G38	1		white-fronted goose (Anser albifrons) Det. in gb 'the gb-goose'. Semi-phon. gb in Gb 'Geb' (the earth-god). Det. in Apd 'bird' 'goose'.	<i>trp, gb, ḥtm, ʒpd</i>
<i>trp</i>	G38	1		white-fronted goose (Anser albifrons) Det. in gb 'the gb-goose'. Semi-phon. gb in Gb 'Geb' (the earth-god). Det. in Apd 'bird' 'goose'.	<i>trp, gb, ḥtm, ʒpd</i>
<i>sʒ</i>	G39	3		pintail duck (Dafila acuta) Det. in st 'pintail duck'. Phon. sA as in sA 'son'.	<i>ʒʒ, sʒ</i>
<i>ʒʒ</i>	G39	1		pintail duck (Dafila acuta) Det. in st 'pintail duck'. Phon. sA as in sA 'son'.	<i>ʒʒ, sʒ</i>

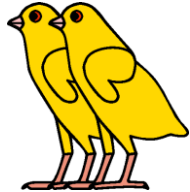


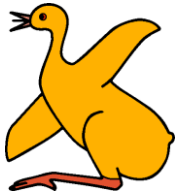
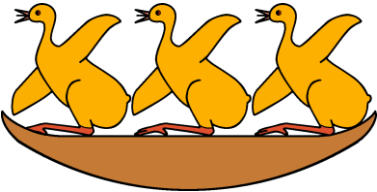
G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>p3</i>	G40	1		pintail duck flying Ideo. in pA 'fly'. Phon. pA .	<i>p3</i>
	G41	2		pintail duck alighting Det. in xni 'alight', 'halt'. Phon.det. xn as in xn 'speech', 'sentence'. Phon. or phon.det. (reason?) qmi as in qmyt 'gum'. Phon.det. sHw as in sHwy 'collect'.	<i>ḳm3, ḳmyt, ḥn, p3, tn, shw</i>
<i>hn</i>	G41	1		pintail duck alighting Det. in xni 'alight', 'halt'. Phon.det. xn as in xn 'speech', 'sentence'. Phon. or phon.det. (reason?) qmi as in qmyt 'gum'. Phon.det. sHw as in sHwy 'collect'.	<i>ḳm3, ḳmyt, ḥn, p3, tn, shw</i>
<i>shw</i>	G41	1		pintail duck alighting Det. in xni 'alight', 'halt'. Phon.det. xn as in xn 'speech', 'sentence'. Phon. or phon.det. (reason?) qmi as in qmyt 'gum'. Phon.det. sHw as in sHwy 'collect'.	<i>ḳm3, ḳmyt, ḥn, p3, tn, shw</i>
<i>ḳm3</i>	G41	2		pintail duck alighting Det. in xni 'alight', 'halt'. Phon.det. xn as in xn 'speech', 'sentence'. Phon. or phon.det. (reason?) qmi as in qmyt 'gum'. Phon.det. sHw as in sHwy 'collect'.	<i>ḳm3, ḳmyt, ḥn, p3, tn, shw</i>

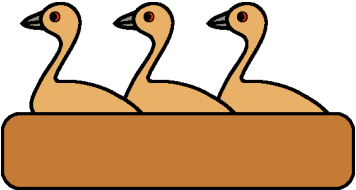
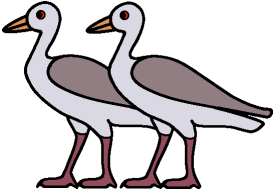
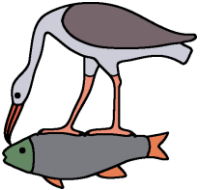
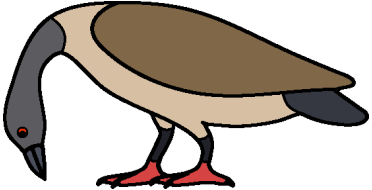
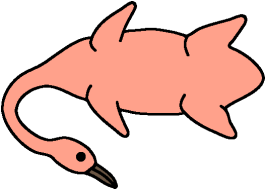
G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḳmyt</i>	G41	1		pintail duck alighting Det. in xni 'alight', 'halt'. Phon.det. xn as in xn 'sppech', 'sentence'. Phon. or phon.det. (reason?) qmi as in qmyt 'gum'. Phon.det. sHw as in sHwy 'collect'.	<i>ḳm3, ḳmyt, ḥn, p3, tn, shw</i>
<i>tn</i>	G41	1		pintail duck alighting Det. in xni 'alight', 'halt'. Phon.det. xn as in xn 'sppech', 'sentence'. Phon. or phon.det. (reason?) qmi as in qmyt 'gum'. Phon.det. sHw as in sHwy 'collect'.	<i>ḳm3, ḳmyt, ḥn, p3, tn, shw</i>
<i>wš3</i>	G42	1		fatted duck Ideo. in wSA 'fatten', Df(A) 'provisions'.	<i>df3, wš3</i>
<i>df3</i>	G42	1		fatted duck Ideo. in wSA 'fatten', Df(A) 'provisions'.	<i>df3, wš3</i>
<i>w</i>	G43	1		quail chick Phon. w (reason ?).	<i>w</i>

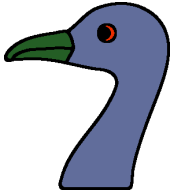
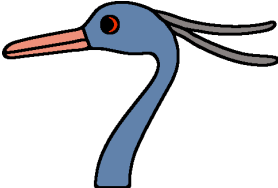
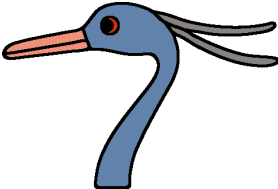
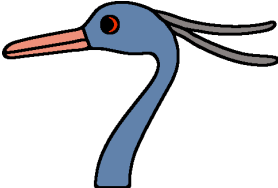
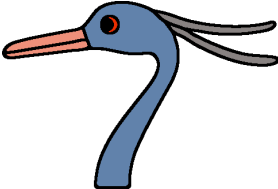
G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ww</i>	G44	1		two quail chicks G43 as monogram Phon. ww.	<i>ww</i>
<i>wʀ</i>	G45	2		combination of G43 and D36 Phon. wa.	<i>wʀ</i>
<i>mʒw</i>	G46	1		combination of G43 and U1 Phon. mAw.	<i>mʒw</i>
<i>t͡ʒ</i>	G47	1		duckling Ideo. in TA 'nestling'. Phon. TA. In group writing, used for T.	<i>t͡ʒ</i>
<i>sṣ̌</i>	G48	3		three ducklings G47 in nest Det. in sŠ 'nest'.	<i>sṣ̌</i>


G - Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	G49	4		ducks heads protruding from a pool Ideo. or det. in sS 'bird-pool', 'nest'.	<i>sṣ</i>
<i>rḥti</i>	G50	1		two plovers (?)as monogram In rxy 'fuller', 'washerman'.	<i>rḥti</i>
<i>ḥzm</i>	G51	1		egret (?) pecking a fish Det. in HAm 'catch fish'.	<i>ḥzm</i>
<i>snm</i>	G52	1		goose (?) picking pu grain Det. in snm 'feed'.	<i>snm</i>
<i>sn̄d</i>	G54	1		trussed goose or duck Det. in wSn 'wring neck of birds', 'offer'. Phon. or phon.det. in snD 'fear' and derivatives	<i>sn̄d</i>


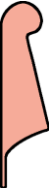
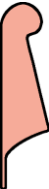
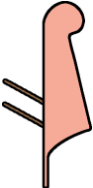
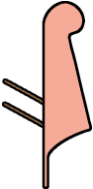
H - Parts of Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ꜥꜥd	H1	2		head of pintail duck G39 Abbrev. of Apdw 'fowl' in formula of offering. Det. in wSn 'wring neck of birds', 'offer'.	ꜥꜥd
ꜥšꜥ	H2	1		head of a crested bird Phon.det. mAa. Phon. or phon.det. w.Sm	ꜥšꜥ, ꜥꜥ, ꜥꜥꜥ, ꜥꜥꜥ
ꜥꜥꜥ	H2	2		head of a crested bird Phon.det. mAa. Phon. or phon.det. w.Sm	ꜥšꜥ, ꜥꜥ, ꜥꜥꜥ, ꜥꜥꜥ
ꜥꜥ	H2	1		head of a crested bird Phon.det. mAa. Phon. or phon.det. w.Sm	ꜥšꜥ, ꜥꜥ, ꜥꜥꜥ, ꜥꜥꜥ
ꜥꜥꜥ	H2	5		head of a crested bird Phon.det. mAa. Phon. or phon.det. w.Sm	ꜥšꜥ, ꜥꜥ, ꜥꜥꜥ, ꜥꜥꜥ

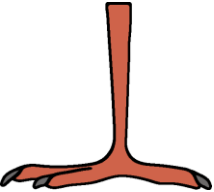
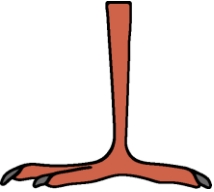
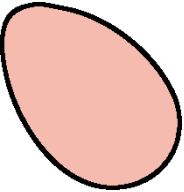
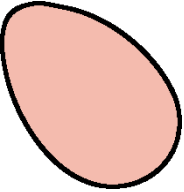
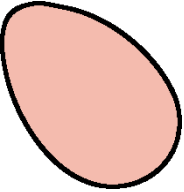
H - Parts of Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>pꜣk</i>	H3	1		head of spoonbill (Platalea leucoradia) Phon.det. pAq.	<i>pꜣk, pḱ</i>
<i>pḱ</i>	H3	2		head of spoonbill (Platalea leucoradia) Phon.det. pAq.	<i>pꜣk, pḱ</i>
<i>nr</i>	H4	1		head of vulture G14 Phon.det. nr. From Dyn. XVIII, sportive writing in rmT 'people'.	<i>rmṯ, rm, nr</i>
<i>rm</i>	H4	1		head of vulture G14 Phon.det. nr. From Dyn. XVIII, sportive writing in rmT 'people'.	<i>rmṯ, rm, nr</i>
<i>rmṯ</i>	H4	1		head of vulture G14 Phon.det. nr. From Dyn. XVIII, sportive writing in rmT 'people'.	<i>rmṯ, rm, nr</i>

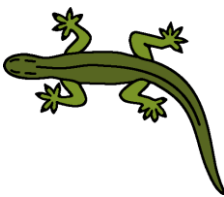
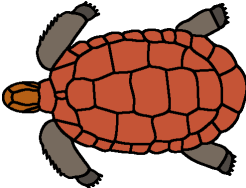
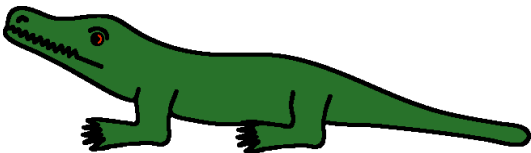
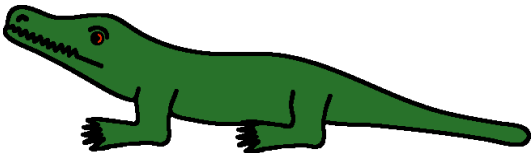
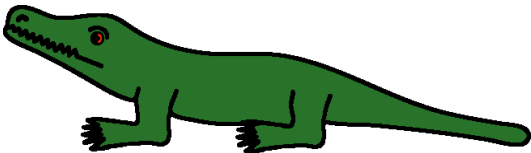
H - Parts of Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḏnḥ</i>	H5	1		wing Det. wing as in DnH 'wing', or aXi 'fly'.	<i>ḏnḥ</i>
<i>mꜣrt</i>	H6	3		feather Ideo. in Swt 'feather'. Phon. Sw as in ^w 'Shu' (the air-god). Ideo. as substitute for C10 in mAat 'turth'.	<i>mꜣrt, šw</i>
<i>šw</i>	H6	1		feather Ideo. in Swt 'feather'. Phon. Sw as in ^w 'Shu' (the air-god). Ideo. as substitute for C10 in mAat 'turth'.	<i>mꜣrt, šw</i>
<i>mꜣrt</i>	H6A	4		feather with one or two strokes at side found in hieratic for words from the stem Sw.	<i>mꜣrt, šw</i>
<i>šw</i>	H6A	2		feather with one or two strokes at side found in hieratic for words from the stem Sw.	<i>mꜣrt, šw</i>

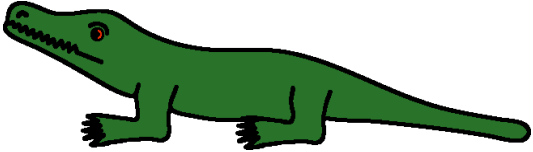
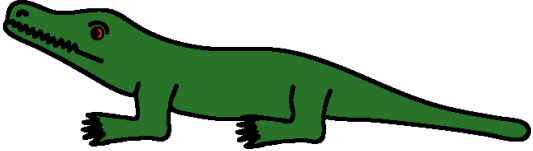
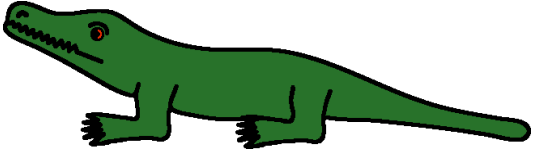
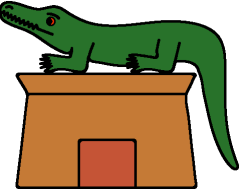
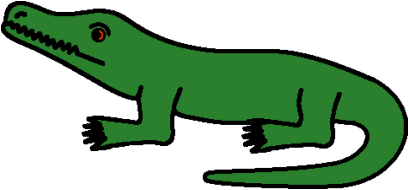
H - Parts of Birds

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
š3	H7	2		claw Phon. SA in ^At 'Shat' (land).	š3t, š3
š3t	H7	1		claw Phon. SA in ^At 'Shat' (land).	š3t, š3
mrwt	H8	1		egg Det. in swHt 'egg'. Hieratic contraction of G39.	mrwt, s3, swḥt
s3	H8	4		egg Det. in swHt 'egg'. Hieratic contraction of G39.	mrwt, s3, swḥt
swḥt	H8	1		egg Det. in swHt 'egg'. Hieratic contraction of G39.	mrwt, s3, swḥt

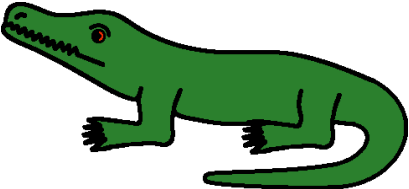




I - Amphibious Animals, Reptiles, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ṛš3	I1	1		lizard Det. in HntAsw, aS(A) 'lizard'. Phon. aSA.	ṛš3
štyw	I2	1		freshwater turtle Ideo. or det. in Styw 'turtle'.	štyw
3d	I3	1		crocodile Ideo. or det. crocodile as in msH 'crocodile'. Det. greedy in skn 'lust after', aggression in Ad 'be aggressive', 'angry'. Phon. it.	mzḥ, ṯt, msḥ, mzḥ, ḥnti, 3d
ṯt	I3	2		crocodile Ideo. or det. crocodile as in msH 'crocodile'. Det. greedy in skn 'lust after', aggression in Ad 'be aggressive', 'angry'. Phon. it.	mzḥ, ṯt, msḥ, mzḥ, ḥnti, 3d
msḥ	I3	1		crocodile Ideo. or det. crocodile as in msH 'crocodile'. Det. greedy in skn 'lust after', aggression in Ad 'be aggressive', 'angry'. Phon. it.	mzḥ, ṯt, msḥ, mzḥ, ḥnti, 3d


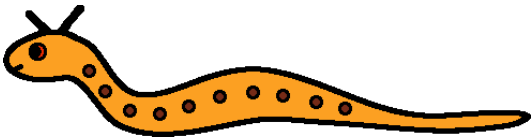
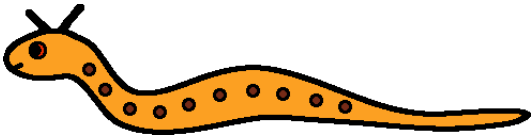
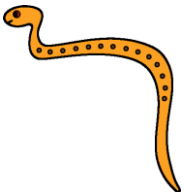
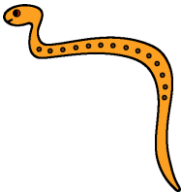
I - Amphibious Animals, Reptiles, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mzḥ</i>	I3	1		crocodile Ideo. or det. crocodile as in msH 'crocodile'. Det. greedy in skn 'lust after', aggression in Ad 'be aggressive', 'angry'. Phon. it.	<i>mzḥ, 'it, msh, mzḥ, ḥnti, ʒd</i>
	I3	1		crocodile Ideo. or det. crocodile as in msH 'crocodile'. Det. greedy in skn 'lust after', aggression in Ad 'be aggressive', 'angry'. Phon. it.	<i>mzḥ, 'it, msh, mzḥ, ḥnti, ʒd</i>
<i>ḥnti</i>	I3	2		crocodile Ideo. or det. crocodile as in msH 'crocodile'. Det. greedy in skn 'lust after', aggression in Ad 'be aggressive', 'angry'. Phon. it.	<i>mzḥ, 'it, msh, mzḥ, ḥnti, ʒd</i>
<i>sbk</i>	I4	1		crocodile on a shrine Ideo. or det. in %bk 'Sobk' (the crocodile-god)	<i>sbk</i>
<i>sṣk</i>	I5	1		crocodile with inward curved tail Det. in sAq 'collect', 'gather together'.	<i>sbk, sṣk</i>

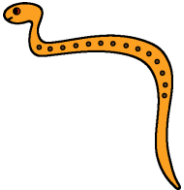
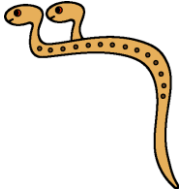



I - Amphibious Animals, Reptiles, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sbk</i>	I5	2		crocodile with inward curved tail Det. in sAq 'collect', 'gather together'.	<i>sbk, s3k</i>
<i>s3k</i>	I5A	2		archaic stone (?) image of a crocodile Ideo. or det. in %bk 'Sobk' (the crocodile-god).	<i>s3k</i>
<i>km</i>	I6	1		piece of crocodile-skin with spines In ikm 'shield'. Phon. km.	<i>km</i>
<i>ḥkt</i>	I7	1		frog Det. in @qt 'Heqet' (the frog goddess). From Dyn. XX, det. in qrr 'frog'.	<i>ḥkt, krr</i>
<i>krr</i>	I7	1		frog Det. in @qt 'Heqet' (the frog goddess). From Dyn. XX, det. in qrr 'frog'.	<i>ḥkt, krr</i>

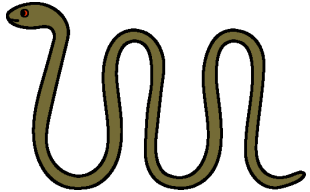
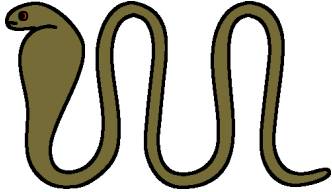
I - Amphibious Animals, Reptiles, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥfn</i>	I8	1		tadpole Phon. Hfn as in Hfn 'one hundred thousand'.	<i>ḥfn</i>
<i>ʾt</i>	I9	3		horned viper (Cerastes cornutus) Ideo. in ft 'viper' (fy in demotic). Phon. f.	<i>ʾt, f</i>
<i>f</i>	I9	1		horned viper (Cerastes cornutus) Ideo. in ft 'viper' (fy in demotic). Phon. f.	<i>ʾt, f</i>
<i>d</i>	I10	3		cobra in repose (Naja haje) In Dt 'cobra'. Phon. D.	<i>d, <u>d</u>, <u>dt</u></i>
<i><u>d</u></i>	I10	1		cobra in repose (Naja haje) In Dt 'cobra'. Phon. D.	<i>d, <u>d</u>, <u>dt</u></i>

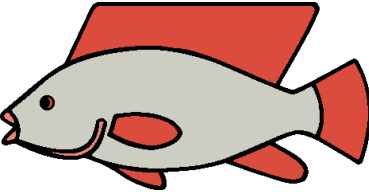
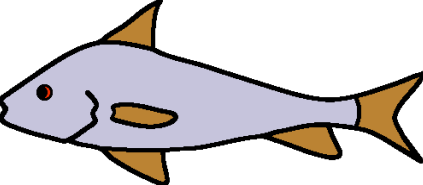
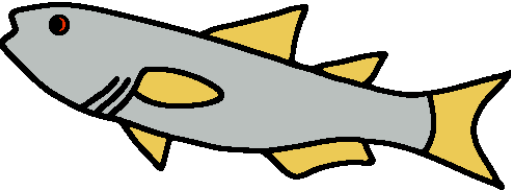
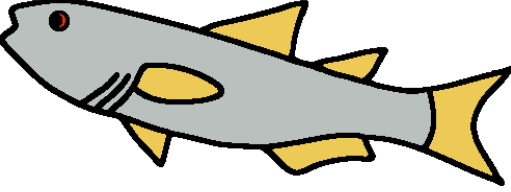
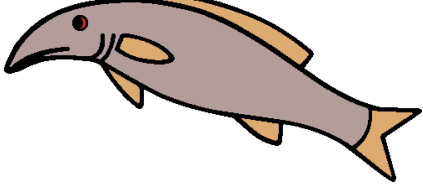
I - Amphibious Animals, Reptiles, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i><u>d</u>t</i>	I10	1		cobra in repose (Naja haje) In Dt 'cobra'. Phon. D.	<i>d, <u>d</u>, <u>d</u>t</i>
<i><u>d</u><u>d</u></i>	I11	1		two cobras I10 Phon. DD.	<i><u>d</u><u>d</u></i>
<i><u>i</u>rt</i>	I12	1		cobra (erect as on the forehead of the Pharaoh) Det. in iart 'uraeus'. Det. goddess.	<i>nsrt, <u>i</u>rt</i>
<i>nsrt</i>	I12	1		cobra (erect as on the forehead of the Pharaoh) Det. in iart 'uraeus'. Det. goddess.	<i>nsrt, <u>i</u>rt</i>
<i>w3<u>d</u>yt</i>	I13	1		cobra I12 on the basket V30 Det. goddess as in ntrt 'goddess'.	<i>w3<u>d</u>yt</i>

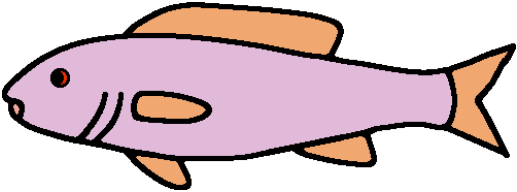
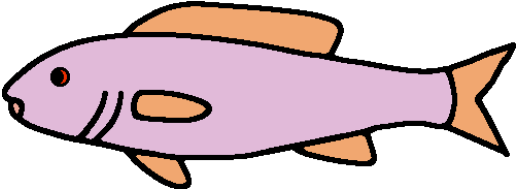
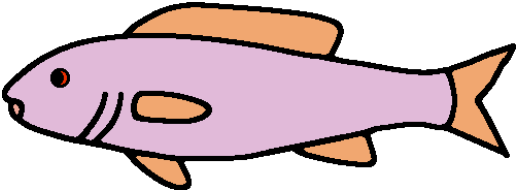
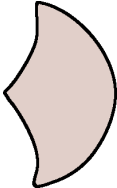
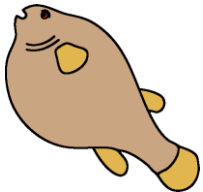
I - Amphibious Animals, Reptiles, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥfꜣw</i>	I14	1		snake Det. snake as in HfAw 'serpent'. Possibly also det. worm.	<i>ḥfꜣw</i>
	I15	2		snake Alternative form of I14. Use as I14.	<i>ḥfꜣw</i>

K - Fish and Parts of Fish

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>in</i>	K1	1		fish (Tilapia Nilotica) Det. in int 'the bulti-fish'. Phon. in.	<i>in</i>
<i>bw</i>	K2	1		fish (Barbus bynni) Phon.det. bw in bwt 'abomination'.	<i>bw</i>
<i>cd</i>	K3	1		fish (Mugil cephalus) Det. in adw 'the bà»ri-fish'. Phon. ad, aD.	<i>cd, cd</i>
<i>cd</i>	K3	2		fish (Mugil cephalus) Det. in adw 'the bà»ri-fish'. Phon. ad, aD.	<i>cd, cd</i>
<i>h3</i>	K4	1		oxyrhynchus fish (Mormyrus kannume) Ideo. in XAt 'oxyrhynchus'. Phon. XA.	<i>h3</i>

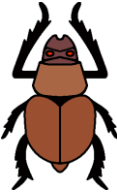

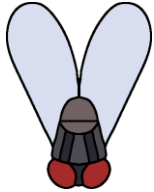
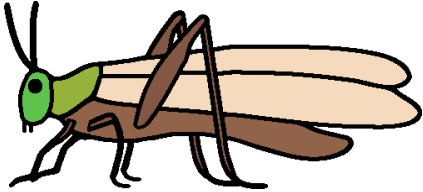
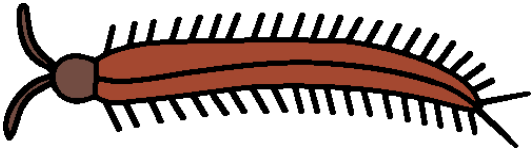
K - Fish and Parts of Fish

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>bs</i>	K5	1		fish (Petrocephalus bane) Phon.det. bs in bs 'introduce', 'enter'.	<i>bs, rmw, bz</i>
<i>bz</i>	K5	1		fish (Petrocephalus bane) Phon.det. bs in bs 'introduce', 'enter'.	<i>bs, rmw, bz</i>
<i>rmw</i>	K5	1		fish (Petrocephalus bane) Phon.det. bs in bs 'introduce', 'enter'.	<i>bs, rmw, bz</i>
<i>nšmt</i>	K6	1		fish-scale Ideo. or det. in nSmt 'fish-scale'.	<i>nšmt</i>
<i>špt</i>	K7	1		fish (Tetrodon fahaka) Det. in Spt 'be discontented'.	<i>špt</i>

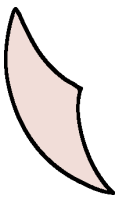

K - Fish and Parts of Fish

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ncr</i>	K13	1		Not in the original Gardiner list ... under investigation	<i>ncr</i>






L - Invertebrates and Lesser Animals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥpr</i>	L1	1		dung-beetle (Scarabaeus sacer) Ideo. in xpr 'dung-beetle'. Phon. xpr.	<i>ḥpr</i>
<i>ḥt</i>	L2	1		bee Ideo. in ḥt 'bee'. Phon. ḥt as in ḥt(y) 'king of Lower Egypt' and in n-sw-ḥt 'king of Upper and Lower Egypt'..	<i>ḥt</i>
<i>ff</i>	L3	1		fly Det. in aff 'fly'.	<i>ff</i>
<i>snḥm</i>	L4	1		common locust (Acrydium peregrinum) Det. in snHm 'locust'.	<i>snḥm</i>
<i>sp3</i>	L5	1		centipede Det. in spA 'centipede'.	<i>sp3</i>





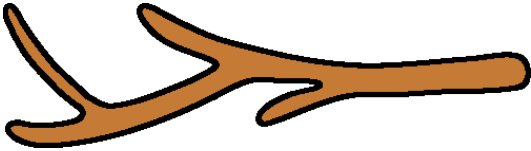
L - Invertebrates and Lesser Animals

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥ3</i>	L6	2		bivalve shell Phon. xA as in xAt 'table of offerings'.	<i>ḥ3</i>
<i>srḳt</i>	L7	1		scorpion (modified for superstitious reasons) Ideo. in %ṛqt 'Serket' (the scorpion-goddess)	<i>srḳt</i>

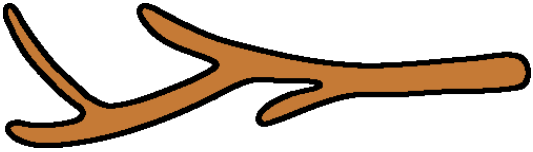




M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>i3m</i>	M1	1		tree Det. tree as in nht 'sycamore-fig', 'tree', iAm, imA unidentified tree. Phon.iAm, im.	<i>i3m, nht, im3, nbs, im</i>
<i>im</i>	M1	4		tree Det. tree as in nht 'sycamore-fig', 'tree', iAm, imA unidentified tree. Phon.iAm, im.	<i>i3m, nht, im3, nbs, im</i>
<i>im3</i>	M1	1		tree Det. tree as in nht 'sycamore-fig', 'tree', iAm, imA unidentified tree. Phon.iAm, im.	<i>i3m, nht, im3, nbs, im</i>
<i>nbs</i>	M1	1		tree Det. tree as in nht 'sycamore-fig', 'tree', iAm, imA unidentified tree. Phon.iAm, im.	<i>i3m, nht, im3, nbs, im</i>
<i>nht</i>	M1	1		tree Det. tree as in nht 'sycamore-fig', 'tree', iAm, imA unidentified tree. Phon.iAm, im.	<i>i3m, nht, im3, nbs, im</i>


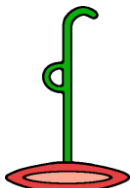
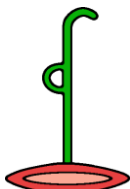
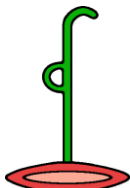
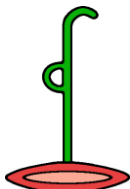
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>i</i>	M2	4		herb Det. plant, flower. Phon. Hn (from Hni 'rush'. Det. in isi 'be light'. Phon. is.	<i>ḥrrt, i, ḥn, is</i>
<i>is</i>	M2	3		herb Det. plant, flower. Phon. Hn (from Hni 'rush'. Det. in isi 'be light'. Phon. is.	<i>ḥrrt, i, ḥn, is</i>
<i>ḥn</i>	M2	1		herb Det. plant, flower. Phon. Hn (from Hni 'rush'. Det. in isi 'be light'. Phon. is.	<i>ḥrrt, i, ḥn, is</i>
<i>ḥrrt</i>	M2	1		herb Det. plant, flower. Phon. Hn (from Hni 'rush'. Det. in isi 'be light'. Phon. is.	<i>ḥrrt, i, ḥn, is</i>
<i>ḥt</i>	M3	1		branch Ideo. in xt 'wood', 'tree'. Phon. xt. Det. wood as in hbny 'ebony", or in wooden objects	<i>ḫt, ḥt</i>



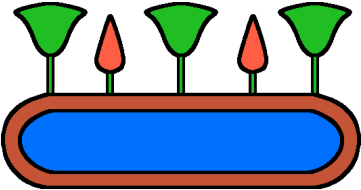
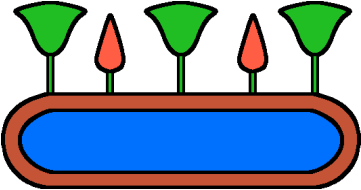
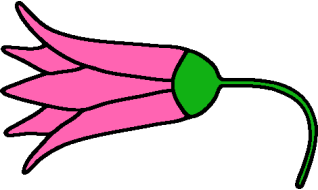
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>d̲r</i>	M3	1		branch Ideo. in xt 'wood', 'tree'. Phon. xt. Det. wood as in hbny 'ebony", or in wooden objects	<i>d̲r, ht</i>
<i>rn̲p</i>	M4	1		palm-branch stripped of leaves and notched Det. in rnpi 'be young', 'vogprous'. Phon. rnp in rnpt 'year'.	<i>tr, rn̲p, rnpt</i>
<i>rn̲pt</i>	M4	1		palm-branch stripped of leaves and notched Det. in rnpi 'be young', 'vogprous'. Phon. rnp in rnpt 'year'.	<i>tr, rn̲p, rnpt</i>
<i>tr</i>	M4	2		palm-branch stripped of leaves and notched Det. in rnpi 'be young', 'vogprous'. Phon. rnp in rnpt 'year'.	<i>tr, rn̲p, rnpt</i>
<i>t̲i</i>	M5	2		combination of M4 and X1 Ideo. (sportive intention) in tr 'season'. Det. season (from M.E.).	<i>t̲i, tr</i>

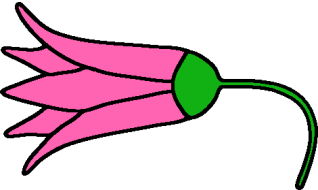
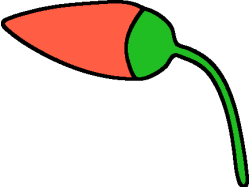



M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>tr</i>	M5	3		combination of M4 and X1 Ideo. (sportive intention) in tr 'season'. Det. season (from M.E.).	<i>tỉ, tr</i>
<i>ri</i>	M6	1		combination of M4 nd D21 Ideo. season (sportive intention). Det. (M.E.) in tr. Phon.det. tr, ti. Also phon.det. ri	<i>tỉ, tr, rỉ, tr</i>
<i>tỉ</i>	M6	3		combination of M4 nd D21 Ideo. season (sportive intention). Det. (M.E.) in tr. Phon.det. tr, ti. Also phon.det. ri	<i>tỉ, tr, rỉ, tr</i>
<i>tr</i>	M6	1		combination of M4 nd D21 Ideo. season (sportive intention). Det. (M.E.) in tr. Phon.det. tr, ti. Also phon.det. ri	<i>tỉ, tr, rỉ, tr</i>
	M6	4		combination of M4 nd D21 Ideo. season (sportive intention). Det. (M.E.) in tr. Phon.det. tr, ti. Also phon.det. ri	<i>tỉ, tr, rỉ, tr</i>

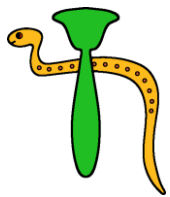




M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>rnṗ</i>	M7	2		combination of M4 and Q3 Ideo. (sportive intention) in rnṗi 'be young', 'vigorous'.	<i>rnṗi, rnṗ</i>
<i>rnṗi</i>	M7	1		combination of M4 and Q3 Ideo. (sportive intention) in rnṗi 'be young', 'vigorous'.	<i>rnṗi, rnṗ</i>
<i>ṣḥt</i>	M8	2		pool with lotus flowers Ideo. in SA 'lotus pool', 'meadow'. Phon. SAIdeo. or semiideo. in iAxi 'be inundated', Axt 'inundation season'.	<i>ṣḥt, ṣḥ</i>
<i>ṣḥ</i>	M8	1		pool with lotus flowers Ideo. in SA 'lotus pool', 'meadow'. Phon. SAIdeo. or semiideo. in iAxi 'be inundated', Axt 'inundation season'.	<i>ṣḥt, ṣḥ</i>
<i>sṣn</i>	M9	1		lotus flower Ideo. or det. in sSn 'lotus'.	<i>ṣṣn, sṣn</i>





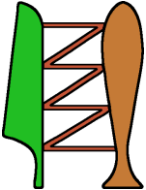
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>zšn</i>	M9	1		lotus flower Ideo. or det. in sSn 'lotus'.	<i>zšn, sšn</i>
<i>nḥbt</i>	M10	1		lotus bud Det. in nHbt 'lotus bud'.	<i>nḥbt</i>
<i>wdn</i>	M11	1		flower on long twisting stalk Ideo. or det. in wdn 'offer'.	<i>wdn</i>
<i>ḥ3</i>	M12	1		leaf, stalk and rhizome of lotus Ideo; in xAw nw sSn 'lotus plants'. Phon. xA as in xA 'thousand'. Used for x in group writings.	<i>ḥ3</i>
<i>w3d</i>	M13	1		stem of papyrus Ideo. in wAD 'papyrus column'. Phon. wAD as in wAD 'be green' and derivatives. Phon. wD from M.K.	<i>w3d</i>

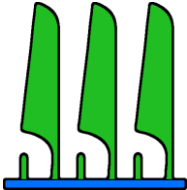
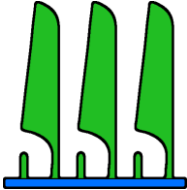
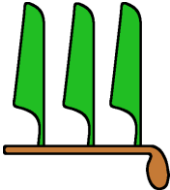


M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	M14	2		combination of M13 and I10 Phon. wAD, w(A)D as in WAD-wr 'the sea' (lit. 'the great green').	<i>w3d</i>
<i>3h</i>	M15	3		clump of papyrus with buds bent down Det. papyrus and watery regions. Phon.det. wAx as in wAx(y) 'hall of the Inundation'. Phon. Ax as in Ax-bit 'Chemmis' (place in the Delta). Det. in &A-mHw 'LowerbEgypt', 'the Delta'.	<i>d̲yt, w3h, mḥw, 3h</i>
<i>w3h</i>	M15	1		clump of papyrus with buds bent down Det. papyrus and watery regions. Phon.det. wAx as in wAx(y) 'hall of the Inundation'. Phon. Ax as in Ax-bit 'Chemmis' (place in the Delta). Det. in &A-mHw 'LowerbEgypt', 'the Delta'.	<i>d̲yt, w3h, mḥw, 3h</i>
<i>mḥw</i>	M15	1		clump of papyrus with buds bent down Det. papyrus and watery regions. Phon.det. wAx as in wAx(y) 'hall of the Inundation'. Phon. Ax as in Ax-bit 'Chemmis' (place in the Delta). Det. in &A-mHw 'LowerbEgypt', 'the Delta'.	<i>d̲yt, w3h, mḥw, 3h</i>
<i>d̲yt</i>	M15	1		clump of papyrus with buds bent down Det. papyrus and watery regions. Phon.det. wAx as in wAx(y) 'hall of the Inundation'. Phon. Ax as in Ax-bit 'Chemmis' (place in the Delta). Det. in &A-mHw 'LowerbEgypt', 'the Delta'.	<i>d̲yt, w3h, mḥw, 3h</i>


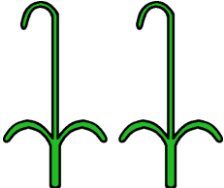

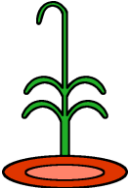
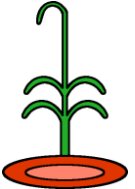
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mḥw</i>	M16	2		clump of papyrus Phon. HA. in group writing, H. Det. in &A-mHw 'the Delta' and related words.	<i>ḥ3, mḥw</i>
<i>ḥ3</i>	M16	1		clump of papyrus Phon. HA. in group writing, H. Det. in &A-mHw 'the Delta' and related words.	<i>ḥ3, mḥw</i>
<i>i</i>	M17	1		flowering reed Ideo. in i 'reeds'. Phon. i	<i>i</i>
<i>ii</i>	M18	1		combination of M17 and D54 In ii 'come' and related words.	<i>ii</i>
<i>ꜥ3bt</i>	M19	1		heaped conical cakes between reed M17 and sign like U36 Det. in aAbt 'offering', 'pile of offerings' and related verb.	<i>ꜥ3bt</i>


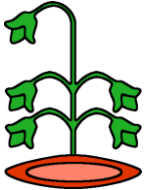
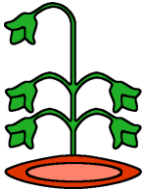
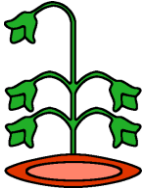
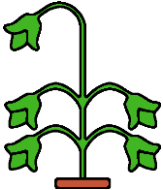
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sm</i>	M20	2		reeds growing side by side Ideo. or det. in sxt 'marshland', 'country' and its derivative. Phon. sm (occasionally).	<i>sm, sḥt</i>
<i>sḥt</i>	M20	1		reeds growing side by side Ideo. or det. in sxt 'marshland', 'country' and its derivative. Phon. sm (occasionally).	<i>sm, sḥt</i>
<i>sm</i>	M21	1		reeds growing side by side with a loop at the side Ideo. or semi-ideo. in sm 'herb', 'plant'. Phon. sm.	<i>sm</i>
<i>n</i>	M22	3		rush with shoots cf. nxbt 'germination', 'shooting up'. Phon. nxb as in Nxbt 'Nekhbet' (tue vulture-goddess).	<i>nḥb, n, nḥbt</i>
<i>nḥb</i>	M22	1		rush with shoots cf. nxbt 'germination', 'shooting up'. Phon. nxb as in Nxbt 'Nekhbet' (tue vulture-goddess).	<i>nḥb, n, nḥbt</i>






M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nhbt</i>	M22	1		rush with shoots cf. nxbt 'germination', 'shooting up'. Phon. nxb as in Nxbt 'Nekhbet' (tue vulture-goddess).	<i>nhb, n, nhbt</i>
<i>nn</i>	M22A	1		Not in the original Gardiner list ... under investigation	<i>nn</i>
<i>sw</i>	M23	1		plant regarded as typical of Upper Egypt Ideo. in swt 'the swt-plant'. Phon. sw as in n(i)-swt 'king of Upper Egypt'.	<i>sw</i>
<i>rs</i>	M24	2		combination of M23 and D21 Phon. rsw (sportive intention) as in rswt 'South' and related words.	<i>rsi', rs, rsw</i>
<i>rsi'</i>	M24	1		combination of M23 and D21 Phon. rsw (sportive intention) as in rswt 'South' and related words.	<i>rsi', rs, rsw</i>

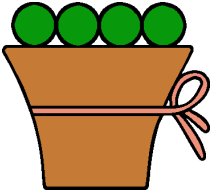
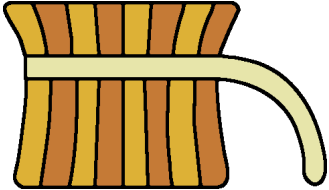
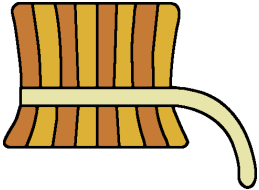
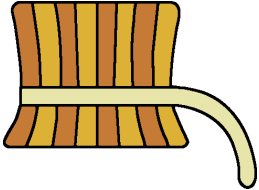
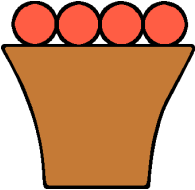
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>rsʁ</i>	M24	1		combination of M23 and D21 Phon. rsw (sportive intention) as in rswt 'South' and related words.	<i>rsi̇, rs, rsʁ</i>
<i>rs</i>	M25	3		combination of M26 and D21 faulty writing (confusion of M24 and M26) for words connected with rswt 'South' or ^maw 'Upper Egypt'.	<i>rs, rsʁ, rsi̇</i>
<i>rsi̇</i>	M25	2		combination of M26 and D21 faulty writing (confusion of M24 and M26) for words connected with rswt 'South' or ^maw 'Upper Egypt'.	<i>rs, rsʁ, rsi̇</i>
<i>rsʁ</i>	M25	2		combination of M26 and D21 faulty writing (confusion of M24 and M26) for words connected with rswt 'South' or ^maw 'Upper Egypt'.	<i>rs, rsʁ, rsi̇</i>
<i>šmᵉ</i>	M26	1		sedge (?) growing from a sign for land resembling N17 Ideo. in ^maw 'Upper Egypt'. Phon. Sma.	<i>šmᵉ</i>



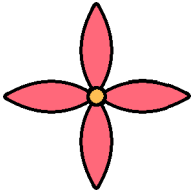
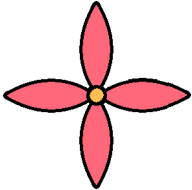
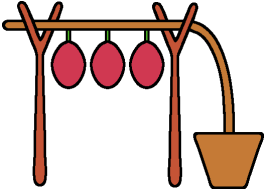
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ndm</i>	M29	1		pod from some sweet-smelling tree cf. nDm 'nDm-tree'. Semi-phon. nDm in nDm 'sweet' and related words.	<i>ndm</i>
<i>bnr</i>	M30	1		a sweet-tasting root ? Ideo. or det. in bnr 'sweet' and derivatives.	<i>bnr</i>
<i>rd</i>	M31	2		stylised rhizome of a lotus Det. in rd 'grow'.	<i>rd</i>
<i>it</i>	M33	4		grains of corn Ideo. in it 'barley', 'corn' . Det. corn as in Npri 'Nepri' (the grain-god).	<i>it</i>
<i>bdt</i>	M34	1		bearded ear of emmer Ideo. or det. in bdt 'emmer'.	<i>bdt</i>

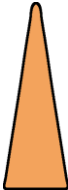
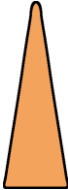
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḏr</i>	M36	1		bundle of flax stems showing the bolts Det. in dmA 'bind together'. Phon. Dr.	<i>ḏr</i>
	M37	2		bundle of flax stems Phon. Dr like M36.	<i>ḏr</i>
<i>mḥꜥ</i>	M38	1		bundle of flax Det. in mHa, maH, mH (?) flax and in dmA 'bind together'.	<i>mḥꜥ, dmꜣ</i>
<i>dmꜣ</i>	M38	1		bundle of flax Det. in mHa, maH, mH (?) flax and in dmA 'bind together'.	<i>mḥꜥ, dmꜣ</i>
<i>rnpt</i>	M39	2		basket of fruit or grain Det. vegetable offerings as in rnpt 'vegetables', 'fruit'.	<i>rnpt</i>


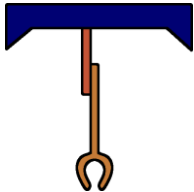
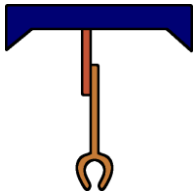
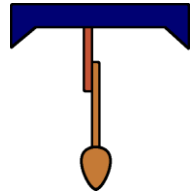
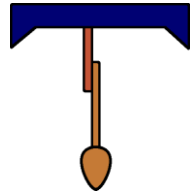
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>is</i>	M40	1		bundle of reeds cf. isw 'reeds'. Phon. is.	<i>iz, is</i>
<i>iz</i>	M40	1		bundle of reeds cf. isw 'reeds'. Phon. is.	<i>iz, is</i>
<i>wn</i>	M42	2		flower ? Phon. wn.	<i>wnm, wn</i>
<i>wnm</i>	M42	1		flower ? Phon. wn.	<i>wnm, wn</i>
<i>spd</i>	M43	2		vine on props Det. vine as in i(A)r(R)t 'vine' and various notions connected with the vine. Det. fruit generally.	<i>spd</i>

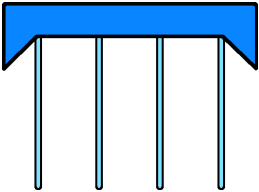
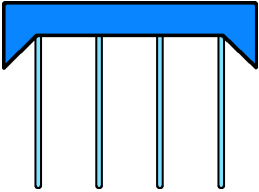
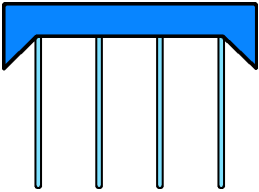
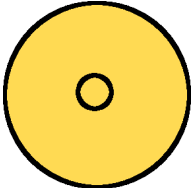
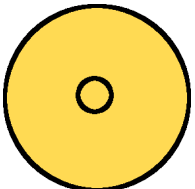
M - Trees and Plants

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	M44	1		thorn Det. in srt 'thorn'. Perhaps ideo. or det. in spd 'sharp' and related words.	<i>srt, spd</i>
<i>srt</i>	M44	1		thorn Det. in srt 'thorn'. Perhaps ideo. or det. in spd 'sharp' and related words.	<i>srt, spd</i>

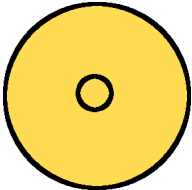
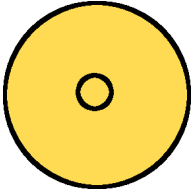
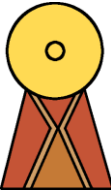
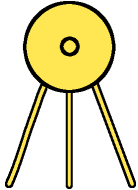
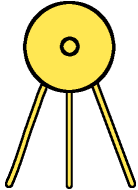
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>pt</i>	N1	1		sky Ideo. or det. in pt 'sky'. Det. sky as in Nwt 'Nut' (the sky-goddess), Hrt 'heaven'. Phon. Hry, Hrw in Hry 'above' and related words.	<i>pt</i>
<i>kkw</i>	N2	1		sky with a broken (?) wAs-sceptre S40(?) suspended from it Det. night as in grH and wx 'night', darkness as in kkw 'darkness'.	<i>grḥ, kkw</i>
<i>grḥ</i>	N2	1		sky with a broken (?) wAs-sceptre S40(?) suspended from it Det. night as in grH and wx 'night', darkness as in kkw 'darkness'.	<i>grḥ, kkw</i>
<i>kkw</i>	N3	2		sky with a broken wAs-sceptre O.K. form of N2. Use as N2.	<i>kkw, grḥ</i>
<i>grḥ</i>	N3	2		sky with a broken wAs-sceptre O.K. form of N2. Use as N2.	<i>kkw, grḥ</i>

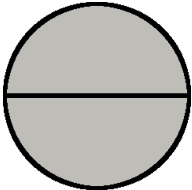
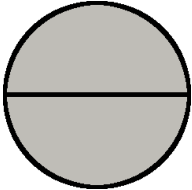
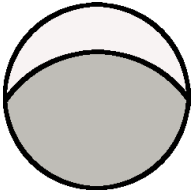
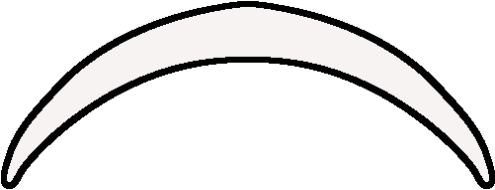
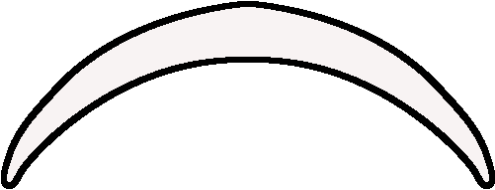
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ᵢ₃dt</i>	N4	1		moisture falling from the sky Ideo. or det. dew, rain as in iAdt 'dew', Snyt 'rain-storm'.	<i>ᵢdt, ᵢ₃dt, šnyt</i>
<i>ᵢdt</i>	N4	1		moisture falling from the sky Ideo. or det. dew, rain as in iAdt 'dew', Snyt 'rain-storm'.	<i>ᵢdt, ᵢ₃dt, šnyt</i>
<i>šnyt</i>	N4	1		moisture falling from the sky Ideo. or det. dew, rain as in iAdt 'dew', Snyt 'rain-storm'.	<i>ᵢdt, ᵢ₃dt, šnyt</i>
<i>rꜥ</i>	N5	1		sun Ideo. or det. in ra 'sun', 'day' and in hrw 'day'. Det. sun or actions of sun as in wbn 'rise', sf 'yesterday'...time generally.	<i>rꜥ, hrw, ṣw, sw</i>
<i>hrw</i>	N5	1		sun Ideo. or det. in ra 'sun', 'day' and in hrw 'day'. Det. sun or actions of sun as in wbn 'rise', sf 'yesterday'...time generally.	<i>rꜥ, hrw, ṣw, sw</i>

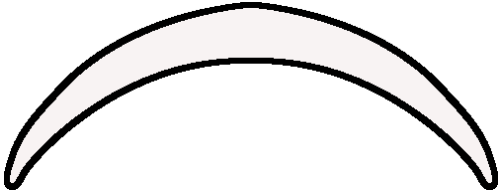
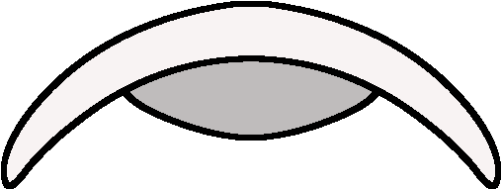
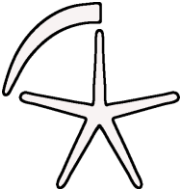
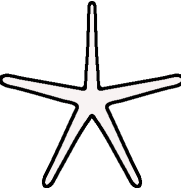
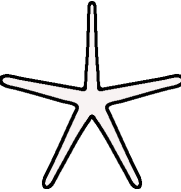
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sw</i>	N5	2		sun Ideo. or det. in ra 'sun', 'day' and in hrw 'day'. Det. sun or actions of sun as in wbn 'rise', sf 'yesterday'...time generally.	<i>rc, hrw, zw, sw</i>
<i>zw</i>	N5	1		sun Ideo. or det. in ra 'sun', 'day' and in hrw 'day'. Det. sun or actions of sun as in wbn 'rise', sf 'yesterday'...time generally.	<i>rc, hrw, zw, sw</i>
<i>psd</i>	N7	3		combination of N5 and T28 Abbrev. for Xrt-hrw 'day-time' (lit. 'what belongs to the day')	<i>psd</i>
	N8	9		sunshine Det. or ideo. sunshine as in Axw 'sunshine', psD 'shine', wbn 'rise'. Phon. wbn. Phon. Hnmmt 'the sun-folk' (of Heliopolis).	<i>psd, hnmmt</i>
<i>hnmmt</i>	N8	1		sunshine Det. or ideo. sunshine as in Axw 'sunshine', psD 'shine', wbn 'rise'. Phon. wbn. Phon. Hnmmt 'the sun-folk' (of Heliopolis).	<i>psd, hnmmt</i>

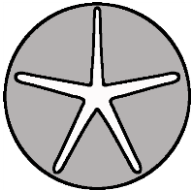
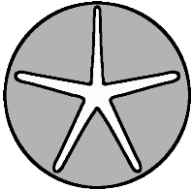

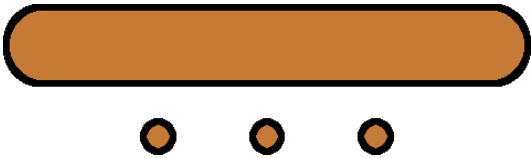

N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>psḏ</i>	N9	1		moon with its lower half obscured Ideo. or det. in psDntyw 'new Moon Festival'. Phon.det. psD in psDt 'divine ennead', 'company of nine gods'.	<i>psḏ, pzḏ</i>
<i>pzḏ</i>	N9	1		moon with its lower half obscured Ideo. or det. in psDntyw 'new Moon Festival'. Phon.det. psD in psDt 'divine ennead', 'company of nine gods'.	<i>psḏ, pzḏ</i>
<i>psḏ</i>	N10	2		moon Alternative form of N9. Use as N9.	<i>psḏ</i>
<i>ꜥbd</i>	N11	1		crescent moon (also vertically) Ideo. or det. in iaH 'moon'. Phon.det. or abbrev. in waH 'carob beans'.	<i>šsp, ꜥbd, iḥ</i>
<i>iḥ</i>	N11	1		crescent moon (also vertically) Ideo. or det. in iaH 'moon'. Phon.det. or abbrev. in waH 'carob beans'.	<i>šsp, ꜥbd, iḥ</i>





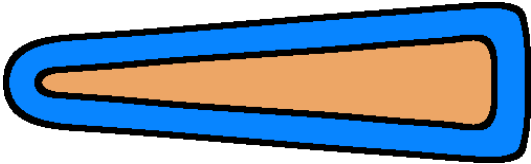
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šp</i>	N11	4		crescent moon (also vertically) Ideo. or det. in iaH 'moon'. Phon.det. or abbrev. in waH 'carob beans'.	<i>šp, 3bd, iḥ</i>
<i>iḥ</i>	N12	2		crescent moon Alternative form of N11. In iaH 'moon'.	<i>iḥ</i>
<i>smdt</i>	N13	1		combination of half of N11 and N14 Ideo. in nt 'half-month festival'.	<i>smdts</i>
<i>sb3</i>	N14	1		star Ideo. or det. in sbA 'star'. Phon. or phon.det. sbA as in sbA 'teach', 'door'. Det. star, constellation. Semi-phon. dwA.	<i>sb3, dw3</i>
<i>dw3</i>	N14	1		star Ideo. or det. in sbA 'star'. Phon. or phon.det. sbA as in sbA 'teach', 'door'. Det. star, constellation. Semi-phon. dwA.	<i>sb3, dw3</i>

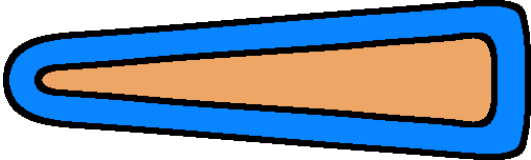
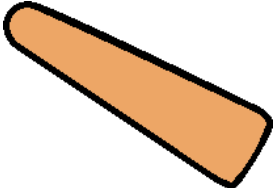
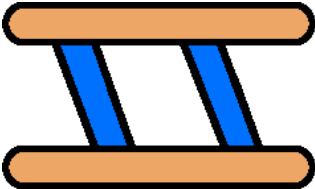
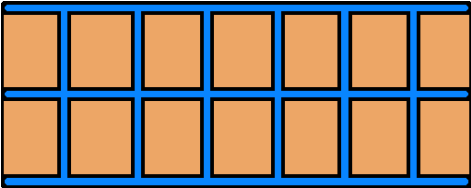
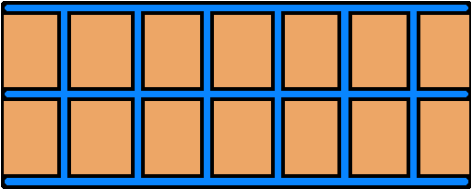
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dʒt</i>	N15	1		star in circle Ideo. in d(w)At 'netherworld'.	<i>dʒt, dʁwʒt</i>
<i>dʁwʒt</i>	N15	1		star in circle Ideo. in d(w)At 'netherworld'.	<i>dʒt, dʁwʒt</i>
<i>tʒ</i>	N16	1		flat alluvial land with grains of sand N33 beneath it Ideo; in tA 'earth', 'land'. Phon. tA (rare). In group writing, phon. t. Det. land in Dt 'estate', 'eternity', 'serf'.	<i><u>dt</u>, tʒ</i>
<i><u>dt</u></i>	N16	2		flat alluvial land with grains of sand N33 beneath it Ideo; in tA 'earth', 'land'. Phon. tA (rare). In group writing, phon. t. Det. land in Dt 'estate', 'eternity', 'serf'.	<i><u>dt</u>, tʒ</i>
<i>tʒ</i>	N17	2		flat alluvian land Alternative form of N16. Use as N16.	<i><u>dt</u>, tʒ</i>

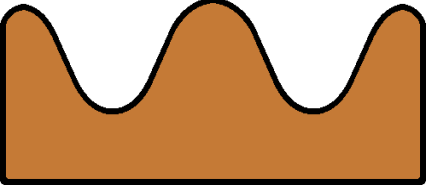
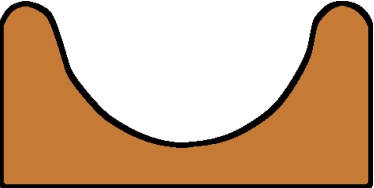
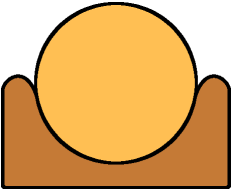
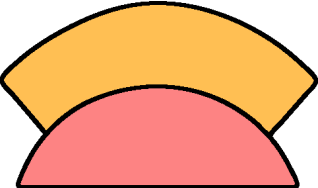
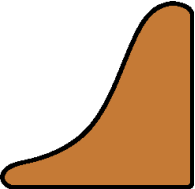
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dt</i>	N17	3		flat alluvian land Alternative form of N16. Use as N16.	<i>dt, t3</i>
<i>iw</i>	N18	1		sandy tract Ideo. in iw 'island'. Phon. i in group writing. Det. desert or foreign country.	<i>d3iw, iw</i>
<i>d3iw</i>	N18	1		sandy tract Ideo. in iw 'island'. Phon. i in group writing. Det. desert or foreign country.	<i>d3iw, iw</i>
<i>3hty</i>	N19	1		N18 twice repeated In @r-Axty 'Horus-of-the-horizon', 'Harakhti'.	<i>3hty</i>
<i>idb</i>	N20	2		tongue of land Det. in wDb 'sand-bank', 'shore'. Phon. wDb as in wDb 'turn back' and derivatives.	<i>wdb, idb</i>

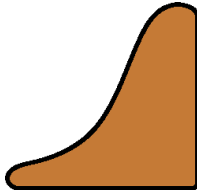
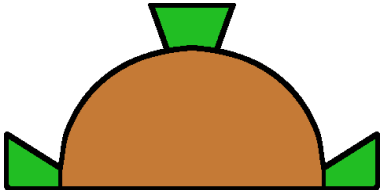
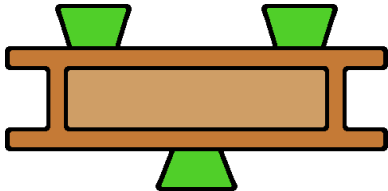
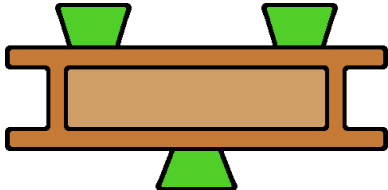
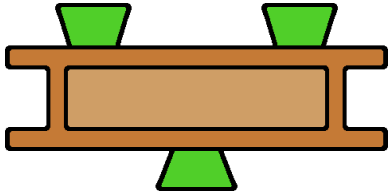
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>wḏb</i>	N20	1		tongue of land Det. in wDb 'sand-bank', 'shore'. Phon. wDb as in wDb 'turn back' and derivatives.	<i>wḏb, idb</i>
<i>idb</i>	N21	1		tongue of land Det. land in idb 'bank', 'region'. Dual idbwy 'the two banks' (i.e.Egypt).	<i>idb</i>
<i>t3</i>	N23	3		irrigation canal Det. irrigated land in tA 'land', tAS 'boundary'.	<i>t3</i>
<i>ḥsp</i>	N24	1		land marked out with irrigation runnels Ideo. or det. in sp(A)t 'district', 'nome'. Det. province and also garden in Hsp 'garden'.	<i>ḥsp, sp3t</i>
<i>sp3t</i>	N24	1		land marked out with irrigation runnels Ideo. or det. in sp(A)t 'district', 'nome'. Det. province and also garden in Hsp 'garden'.	<i>ḥsp, sp3t</i>

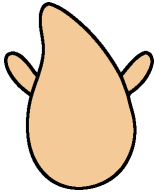
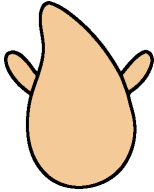



N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥ3st</i>	N25	1		sandy hill-country over edge of green cultivation Ideo. or det. in xAst 'hill-country', 'foreign land'. Det. desert as in smt 'desert', 'necropolis'; also foreign countries.	<i>ḥ3st</i>
<i>ḏw</i>	N26	1		sand-covered mountain over edge of green cultivation Ideo; in Dw 'mountain'. Phon. Dw as in AbDw 'Abydus'.	<i>ḏw</i>
<i>3ḥt</i>	N27	1		sun rising over mountain Ideo. in Axt 'horizon' and derivatives.	<i>3ḥt</i>
<i>ḥr</i>	N28	1		hill over which are the rays of the rising sun Ideo. in xa 'hill of the sunrise' and in xai 'appear in glory'. Phon. xa.	<i>ḥr</i>
<i>k</i>	N29	1		sandy hill-slope cf. qAA 'hill', 'height'. Phon. q.	<i>k, k33</i>



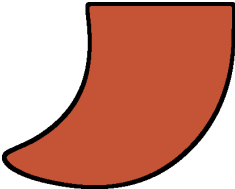
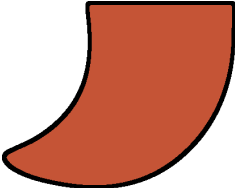

N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>k₃₃</i>	N29	1		sandy hill-slope cf. qAA 'hill', 'height'. Phon. q.	<i>k, k₃₃</i>
<i>i₃t</i>	N30	1		mound of earth with shrubs Ideo. or det. in iAt 'mound'.	<i>i₃t</i>
<i>w₃t</i>	N31	1		road bordered by shrubs Ideo. or det. in wAt 'road' and related words. Det. road as in Hrt 'road', travel position in general as in aA 'here', distance as in Hnty 'period'. Sometimes, abbrev. Hr.	<i>w₃t, w_ɾ, m_{tn}</i>
<i>w_ɾ</i>	N31	3		road bordered by shrubs Ideo. or det. in wAt 'road' and related words. Det. road as in Hrt 'road', travel position in general as in aA 'here', distance as in Hnty 'period'. Sometimes, abbrev. Hr.	<i>w₃t, w_ɾ, m_{tn}</i>
<i>m_{tn}</i>	N31	1		road bordered by shrubs Ideo. or det. in wAt 'road' and related words. Det. road as in Hrt 'road', travel position in general as in aA 'here', distance as in Hnty 'period'. Sometimes, abbrev. Hr.	<i>w₃t, w_ɾ, m_{tn}</i>


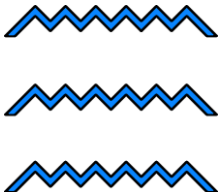
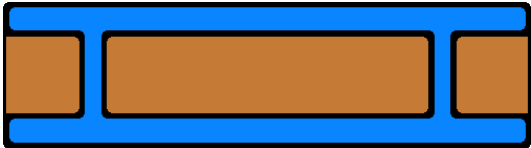
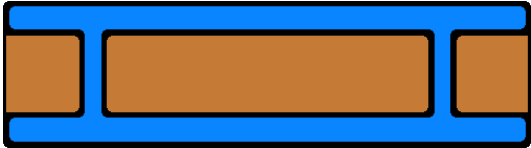

N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sin</i>	N32	1		lump of clay or dung In sin 'clay'. Phon. det. sin as in sinw 'runners'. In M.E. replaced by sign Aa2.	<i>sin, sinw</i>
<i>sinw</i>	N32	1		lump of clay or dung In sin 'clay'. Phon. det. sin as in sinw 'runners'. In M.E. replaced by sign Aa2.	<i>sin, sinw</i>
<i>msdmt</i>	N33	1		grain of sand, pellet or like Det. sand in Say 'sand', metal or mineral as in nbw 'gold', medicaments as in pXrt 'medicine' 'prescription'. Often repeated and sometimes is substituted for the plural strokes Z2.	<i>msdmt, šci</i>
<i>šci</i>	N33	1		grain of sand, pellet or like Det. sand in Say 'sand', metal or mineral as in nbw 'gold', medicaments as in pXrt 'medicine' 'prescription'. Often repeated and sometimes is substituted for the plural strokes Z2.	<i>msdmt, šci</i>
<i>msdmt</i>	N33A	2		Not in the original Gardiner list ... under investigation	<i>nbw, šci, msdmt</i>




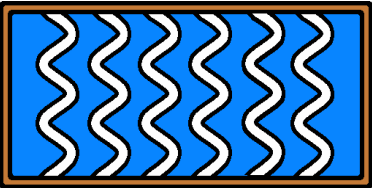
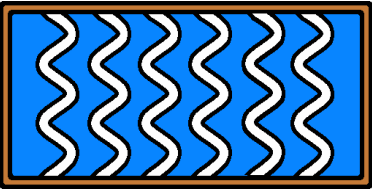
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nbw</i>	N33A	2		Not in the original Gardiner list ... under investigation	<i>nbw, šci, msdmt</i>
<i>šci</i>	N33A	2		Not in the original Gardiner list ... under investigation	<i>nbw, šci, msdmt</i>
<i>bi3</i>	N34	3		ingot of metal Ideo. in biA and Hmt (later) 'copper'. Det. objects of copper or bronze.	<i>hmt, bi3</i>
<i>hmt</i>	N34	3		ingot of metal Ideo. in biA and Hmt (later) 'copper'. Det. objects of copper or bronze.	<i>hmt, bi3</i>
<i>n</i>	N35	1		ripple of water cf. nt 'water'. Phon. n.	<i>n, nt</i>

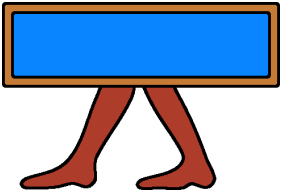
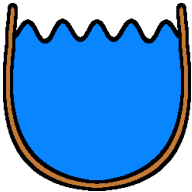
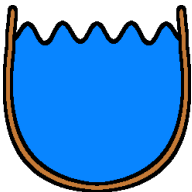
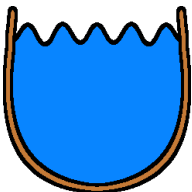
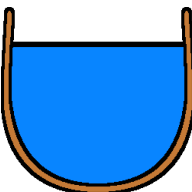
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nt</i>	N35	2		ripple of water cf. nt 'water'. Phon. n.	<i>n, nt</i>
<i>mw</i>	N35A	1		three ripples Ideo. in mw 'water'. Phon. mw as in Smw 'summer' and m in group writing. Det. water, liquid, actions connected with water.	<i>mw</i>
<i>mi'</i>	N36	6		channel filled with water Ideo. in mr 'canal', 'channel'. Phpon. or phon.det. mr and phon.mi. Det. rivers, lakes, seas.	<i>mr, mi'</i>
<i>mr</i>	N36	3		channel filled with water Ideo. in mr 'canal', 'channel'. Phpon. or phon.det. mr and phon.mi. Det. rivers, lakes, seas.	<i>mr, mi'</i>
<i>sn</i>	N37	5		garden pool Ideo. in S 'pool'. Phon. S. Appears to be a sign for irrigated land.	<i>sn, š</i>

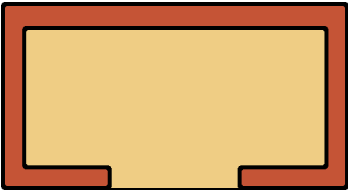
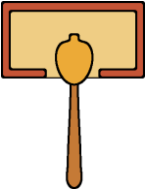
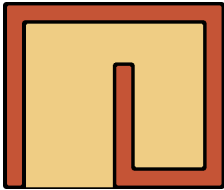
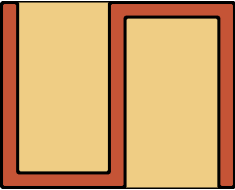
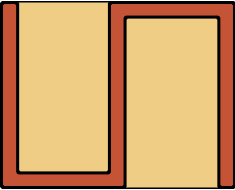
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
š	N37	1		garden pool Ideo. in S 'pool'. Phon. S. Appears to be a sign for irrigated land.	š, š
sn	N38	6		garden pool with sloping sides Use as N37.	š, sn
š	N38	2		garden pool with sloping sides Use as N37.	š, sn
sn	N39	7		garden pool full of water Use as N37.	sn, š
š	N39	3		garden pool full of water Use as N37.	sn, š

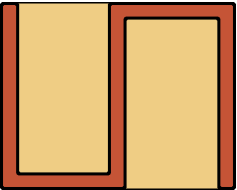
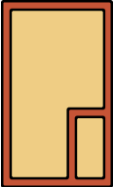
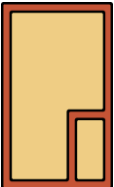
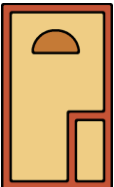
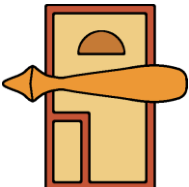
N - Sky, Earth, Water

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šm</i>	N40	1		combination of N37 and D54 In Sm 'go'.	<i>šm</i>
<i>id</i>	N41	1		well full of water Det. well as in Xnmt 'well', pool.Also as female organ in Hmt 'woman', 'wife'. Phon. Hm, biA.	<i>id, ḥm, biʒ</i>
<i>biʒ</i>	N41	4		well full of water Det. well as in Xnmt 'well', pool.Also as female organ in Hmt 'woman', 'wife'. Phon. Hm, biA.	<i>id, ḥm, biʒ</i>
<i>ḥm</i>	N41	6		well full of water Det. well as in Xnmt 'well', pool.Also as female organ in Hmt 'woman', 'wife'. Phon. Hm, biA.	<i>id, ḥm, biʒ</i>
	N42	7		well full of water Alternative form of N41. Use as N41.	<i>ḥm</i>





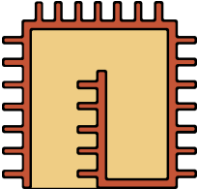
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>pr</i>	O1	1		house Ideo. in pr 'house'. Phon. pr. Det. house, building as in at 'room', 'department'.	<i>pr</i>
<i>prḥd</i>	O2	1		combination of O1 and T3 In pHD 'treasury' (lit. 'white house').	<i>prḥd</i>
<i>h</i>	O4	1		reed shelter in fields Ideo. in h 'room'. Phon. h.	<i>h</i>
<i>mr</i>	O5	4		winding wall Det. in mrrt 'street'. Phpon. or phon.det. mr. Phon.det. nm (reason ?) as in nmi 'traverse'.	<i>mrrt, mr, nm</i>
<i>mrrt</i>	O5	1		winding wall Det. in mrrt 'street'. Phpon. or phon.det. mr. Phon.det. nm (reason ?) as in nmi 'traverse'.	<i>mrrt, mr, nm</i>

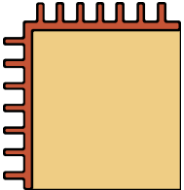

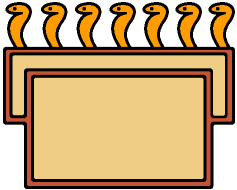
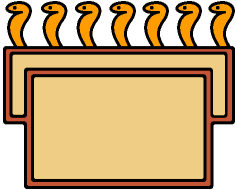
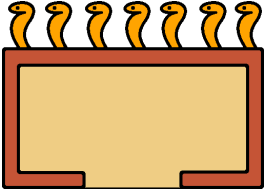
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nm</i>	O5	2		winding wall Det. in mrrt 'street'. Phpon. or phon.det. mr. Phon.det. nm (reason ?) as in nmi 'traverse'.	<i>mrrt, mr, nm</i>
<i>ḥwt</i>	O6	1		rectangular enclosure seen in plan Ideo. in Hwt 'castle', 'mansion', 'temple', 'tomb'.	<i>ḥwt, ḥtt</i>
<i>ḥtt</i>	O6	1		rectangular enclosure seen in plan Ideo. in Hwt 'castle', 'mansion', 'temple', 'tomb'.	<i>ḥwt, ḥtt</i>
<i>ḥwt</i>	O7	2		rectangular enclosure seen in plan Alternative form of O6. Use as O6.	<i>ḥwt</i>
<i>ḥwtꜣt</i>	O8	1		combination of O7 and O29 In Hwy-aAt 'temple', 'castle' (earlier) (lit. 'great castle').	<i>ḥwtꜣt</i>

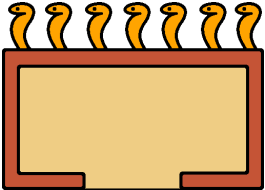
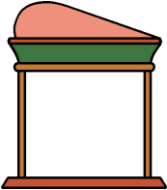
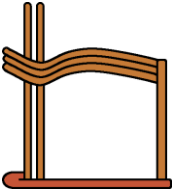
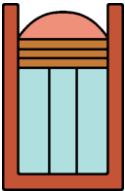
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥwṯḥr</i>	O10	1		combination of O6 and G5 In @t-Hr 'Hathor' (goddess).	<i>ḥwṯḥr</i>
<i>ḥ</i>	O11	1		palace with battlements Ideo. in aH 'palace'.	<i>ḥ</i>
	O12	2		combination of O11 and D36 In var. of aH (cf. O11)	<i>ḥ, p</i>
<i>p</i>	O12	2		combination of O11 and D36 In var. of aH (cf. O11)	<i>ḥ, p</i>
<i>sbḥt</i>	O13	1		battlemented enclosure Det. in sbxt 'gateway' and in sbx 'wall in', 'enclose'.	<i>sbḥt</i>

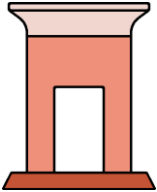
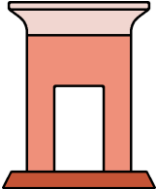
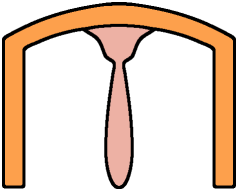
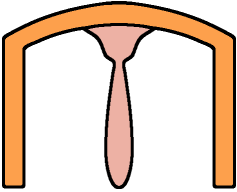
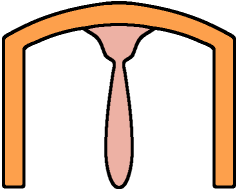
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	O14	2		portion of battlemented enclosure Alternative form of O13. Use as O13.	<i>sbḥt</i>
<i>wsḥt</i>	O15	1		walled enclosure with buttresses, signs W10 and X1 Ideo. in wsxt 'hall' (in palace or temple).	<i>wsḥt</i>
<i>t3</i>	O16	4		gateway (?) surmonted by protecting serpents Ideo. or det. in tA 'curtain' (?) and tAyt 'curtain'. Semi-ideo; in tAyty 'he of the curtain' (title of the vizier).	<i>t3yt, t3</i>
<i>t3yt</i>	O16	1		gateway (?) surmonted by protecting serpents Ideo. or det. in tA 'curtain' (?) and tAyt 'curtain'. Semi-ideo; in tAyty 'he of the curtain' (title of the vizier).	<i>t3yt, t3</i>
<i>t3</i>	O17	5		gateway surmounted by protecting serpents O.K. form of O16. Use as O16.	<i>t3, t3yt</i>

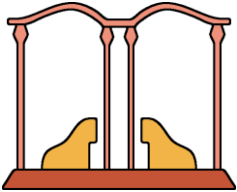
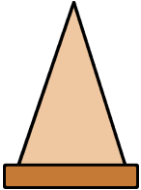
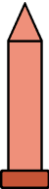
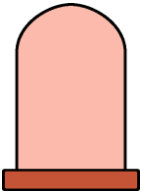
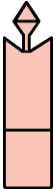
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>t3yt</i>	O17	2		gateway surmounted by protecting serpents O.K. form of O16. Use as O16.	<i>t3, t3yt</i>
<i>k3r</i>	O18	1		shrine seen from side Ideo. or det. in kA(r)i 'chapel', 'shrine'.	<i>k3r</i>
<i>itr̥t</i>	O19	2		primitive shrine Det. in Pr-wr 'great House' name of the pre-dynastic national shrine of Upper Egypt at Hieraconpolis; also det. of itr̥t in itr̥t Sma(yt) 'the row of Upper Egypt sanctuaries'; also as collective term for 'the gods of Upper Egypt'.	<i>itr̥t</i>
	O20	1		shrine Det. sancturay as in itr̥t 'row of sanctuaries', xm 'shrine'. Especially in Pr-nw or Pr-nsr names of the pre-dynastic national sanctuary of Lower Egypt at Buto, and in itr̥t mHt 'the row of Lower Egyptian sanctuaries'; hence collective term for 'the gods of Lower Egypt'.	<i>itr̥t</i>

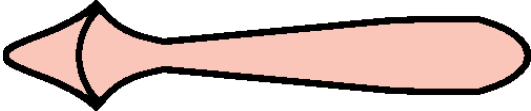
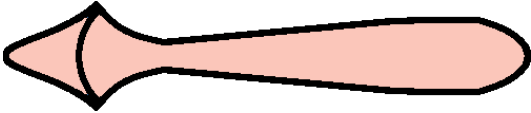
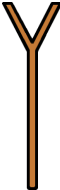
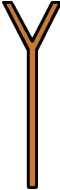

O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sh</i>	O21	2		facade of shrine Ideo. or det. in sH-nTr 'the divine booth'	<i>sh, zh</i>
<i>zh</i>	O21	2		facade of shrine Ideo. or det. in sH-nTr 'the divine booth'	<i>sh, zh</i>
<i>h3b</i>	O22	1		open booth supported by a pole Ideo. or det. in sH 'booth'. Phon. sH	<i>sh, zh, h3b</i>
<i>sh</i>	O22	1		open booth supported by a pole Ideo. or det. in sH 'booth'. Phon. sH	<i>sh, zh, h3b</i>
<i>zh</i>	O22	1		open booth supported by a pole Ideo. or det. in sH 'booth'. Phon. sH	<i>sh, zh, h3b</i>


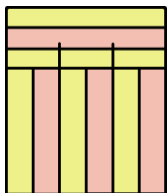


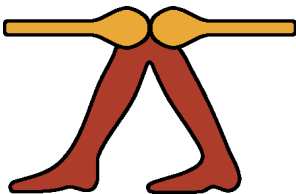
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥbsd</i>	O23	1		hall used in the Sed-festival Ideo. or det. in Hb-sd 'jubilee', 'Sed-festival'.	<i>ḥbsd</i>
<i>mr</i>	O24	5		pyramid with side of surrounding wall Det. in mr 'pyramid', 'tomb' and in names of specific royal pyramids; also in Mn-nfr 'Memphis'.	<i>mr</i>
<i>ṯḥn</i>	O25	1		obelisk Det; in txn 'obelisk'.	<i>ṯḥn</i>
<i>wḏ</i>	O26	3		stela Ideo. or det stela as in wD 'stela', aHaw 'station', 'stela'.	<i>wḏ</i>
<i>ʾwn</i>	O28	1		column with tenon at top Ideo. in iwn 'column'. Phon. iwn as in lwnw 'heliopolis'.	<i>ʾwn</i>

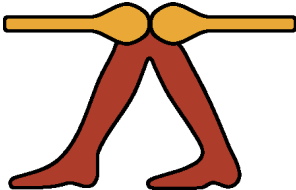
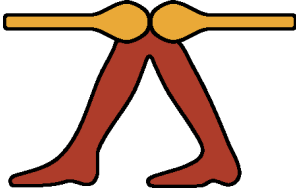
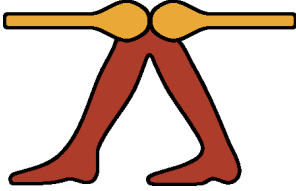

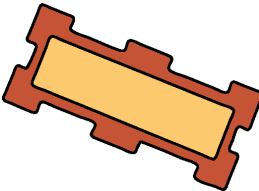
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ꜥ	O29	2		wooden column (also found vertically) cf. aA 'column'. Phon. aA and a in group weiting.	ꜥ, ꜥ3
ꜥ3	O29	1		wooden column (also found vertically) cf. aA 'column'. Phon. aA and a in group weiting.	ꜥ, ꜥ3
shnt	O30	1		supporting pole Ideo. or det. in sxnt 'support' of heaven.	zhnt, shnt
zhnt	O30	1		supporting pole Ideo. or det. in sxnt 'support' of heaven.	zhnt, shnt
ꜥ3	O31	3		door Ideo. or det. in aA 'door'. Phon. aA (rare). Det. open as in wn 'open'	wn, ꜥ3

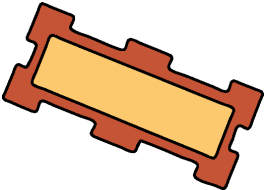
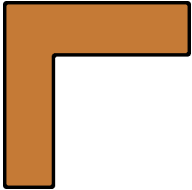
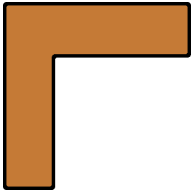

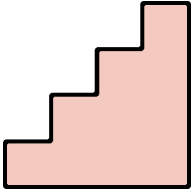
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
wn	O31	3		door Ideo. or det. in aA 'door'. Phon. aA (rare). Det. open as in wn 'open'	wn, ʿ3
srh	O33	1		facade of palace or tomb Det. in srx 'banner' for the Horus name.	srh
z	O34	1		bolt Ideo. in s 'bolt'. Phon. s.	z, s
s	O34	2		bolt Ideo. in s 'bolt'. Phon. s.	z, s
ʾs	O35	2		combination of O34 and D54 In words implying motion and having s as characteristic radical as in sbi 'go', 'pass', 'send'.	zb, sb, iz, is

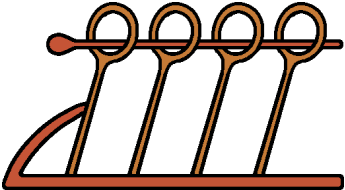
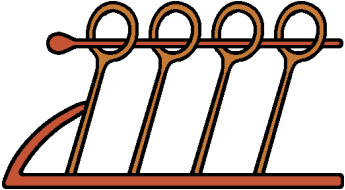
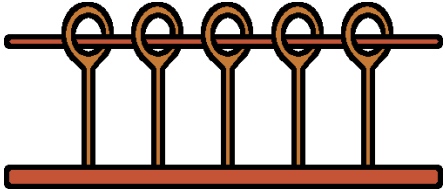

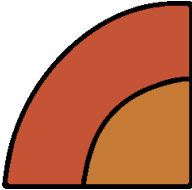
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>iz</i>	O35	2		combination of O34 and D54 In words implying motion and having s as characteristic radical as in sbi 'go', 'pass', 'send'.	<i>zb, sb, iz, is</i>
<i>sb</i>	O35	1		combination of O34 and D54 In words implying motion and having s as characteristic radical as in sbi 'go', 'pass', 'send'.	<i>zb, sb, iz, is</i>
<i>zb</i>	O35	1		combination of O34 and D54 In words implying motion and having s as characteristic radical as in sbi 'go', 'pass', 'send'.	<i>zb, sb, iz, is</i>
<i>inb</i>	O36	1		wall Ideo; or det. in inb 'wall'. Det. wall as in sbty 'surrounding wall'.	<i>inb</i>
<i>shnn</i>	O37	1		falling wall Det. overthrow as in whn 'overthrow', sXnn 'demolish' (a wall).	<i>shnn, gs3</i>

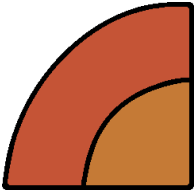
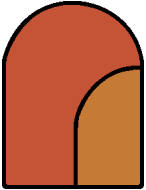
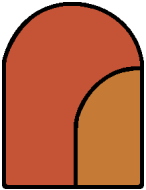
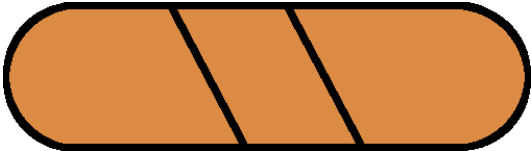
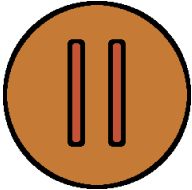
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
gs3	O37	1		falling wall Det. overthrow as in whn 'overthrow', sXnn 'demolish' (a wall).	<i>shnn, gs3</i>
knbt	O38	1		corner of wall Det. in qnbt 'corner', 'angle' and in qnbt 'magistrates' (lit. 'those who sit at the corner' ?). Det. gate as in artt 'gate'.	<i>tm, knbt</i>
tm	O38	2		corner of wall Det. in qnbt 'corner', 'angle' and in qnbt 'magistrates' (lit. 'those who sit at the corner' ?). Det. gate as in artt 'gate'.	<i>tm, knbt</i>
inr	O39	1		stone slab or brick Det. stone and similar as in int 'stone', dbn 'deben-weight', Dbt 'brick'.	<i>inr</i>
rwd	O40	2		stairway Det. stairway as in rwd 'stairway' and in xtyw 'terrace'.	<i>rwd</i>

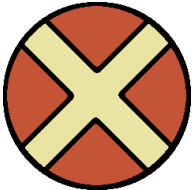
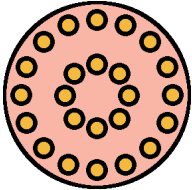
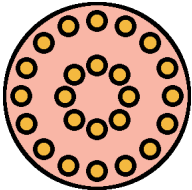
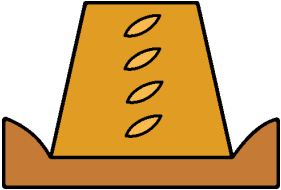

O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šsp</i>	O42	1		fence outside primitive shrine Phon. Ssp in Ssp 'receive'.	<i>šzp, šsp</i>
<i>šzp</i>	O42	1		fence outside primitive shrine Phon. Ssp in Ssp 'receive'.	<i>šzp, šsp</i>
<i>šsp</i>	O43	2		fence outside primitive shrine O.K. form of O42. Use as O42.	<i>šsp</i>
<i>i3t</i>	O44	2		emblem erected outside the temple of Min Ideo. or det. in iAt 'office, rank'.	<i>i3t</i>
<i>ipt</i>	O45	2		domed building Ideo. or det. in ipt 'harim'.	<i>ipt, ip3t</i>

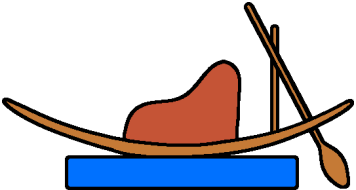
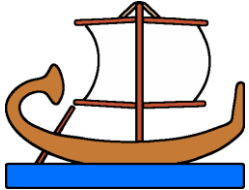
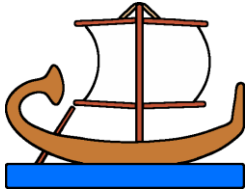
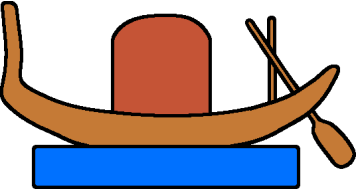
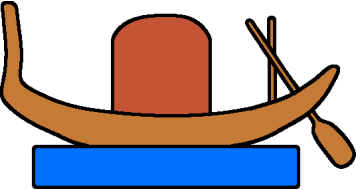
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ipt</i>	O45	1		domed building Ideo. or det. in ipt 'harim'.	<i>ipt, ip3t</i>
<i>ip3t</i>	O46	1		domed building Older form of O45. Use as O45.	<i>ip3t, ipt</i>
<i>ipt</i>	O46	2		domed building Older form of O45. Use as O45.	<i>ip3t, ipt</i>
<i>nhn</i>	O47	1		prehistoric building at Hieraconpolis Ideo; in Nxh 'Hieraconpolis' (Nekhen) i.e. Kí±¶í°¥! Ahmar in Upper Egypt.	<i>nhn</i>
	O48	2		prehistoric building at Hieraconpolis Alternative form of O47. Use as O47.	<i>nhn</i>

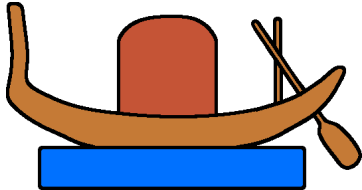
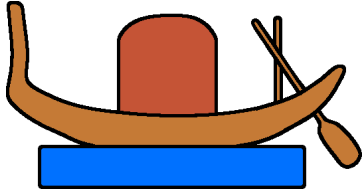
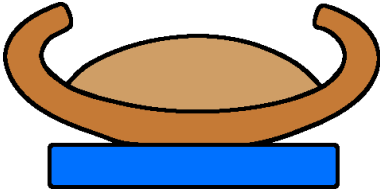
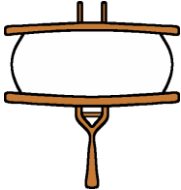
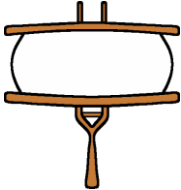
O - Buildings, Parts of Buildings, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>niwt</i>	O49	1		village with cross-roads Ideo. in niwt 'village'. Det. village, town, inhabited region as in WAsr 'Thebes', Kmt 'Egypt' (lit. the black (land)', DAtt 'estate'.	<i>niwt</i>
<i>sp</i>	O50	1		circular threshing-floor covered with grain Det. in spt 'threshing-floor'. Phon. or phon.det. sp as in sp 'time', 'occasion' and related words.	<i>sp, zp</i>
<i>zp</i>	O50	1		circular threshing-floor covered with grain Det. in spt 'threshing-floor'. Phon. or phon.det. sp as in sp 'time', 'occasion' and related words.	<i>sp, zp</i>
<i>šnwt</i>	O51	1		heap of grain on a raised mud floor Ideo. or det. in Snwt 'granary'.	<i>šnwt</i>
<i>prcnḥ</i>	O54	1		Not in the original Gardiner list ... under investigation	<i>prcnḥ</i>






P - Ships and Parts of Ships

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dpt</i>	P1	1		boat on water Det. boat, ship as in dpt 'ship'; sail, travel by water as in nai 'sail', xdi 'fare downstream'.	<i>dpt</i>
<i>hnt</i>	P2	5		ship under sail Det. in xnti 'sail upstream'.	<i>hnt, hnti</i>
<i>hnti</i>	P2	1		ship under sail Det. in xnti 'sail upstream'.	<i>hnt, hnti</i>
<i>wi3</i>	P3	1		sacred bark Ideo. or det. in wiA 'sacred bark'. Det. divine boats as in nSmt 'the neshmet-bark' (sacred boat of Abydus). Det. sail for divine journeys.	<i>nšmt, d3, d3i, wi3</i>
<i>nšmt</i>	P3	2		sacred bark Ideo. or det. in wiA 'sacred bark'. Det. divine boats as in nSmt 'the neshmet-bark' (sacred boat of Abydus). Det. sail for divine journeys.	<i>nšmt, d3, d3i, wi3</i>





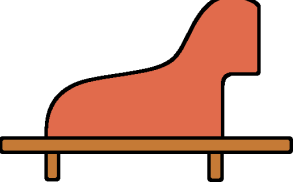
P - Ships and Parts of Ships

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>d̲z</i>	P3	3		sacred bark Ideo. or det. in wiA 'sacred bark'. Det. divine boats as in nSmt 'the neshmet-bark' (sacred boat of Abydus). Det. sail for divine journeys.	<i>nšmt, d̲z, d̲zi, wi̲z</i>
<i>d̲zi</i>	P3	1		sacred bark Ideo. or det. in wiA 'sacred bark'. Det. divine boats as in nSmt 'the neshmet-bark' (sacred boat of Abydus). Det. sail for divine journeys.	<i>nšmt, d̲z, d̲zi, wi̲z</i>
<i>wḥr</i>	P4	1		fisherman's boat qith net Semi-ideo. in wHa 'fisherman' and related words.	<i>wḥr</i>
<i>nfw</i>	P5	1		sail Ideo. or det. in TAw 'breath', 'wind'. Ideo. in nfw 'skipper'. Det. wind as in mHyt 'north wind', sail as in HtAw 'sail'.	<i>t̲z̲w, nfw</i>
<i>t̲z̲w</i>	P5	1		sail Ideo. or det. in TAw 'breath', 'wind'. Ideo. in nfw 'skipper'. Det. wind as in mHyt 'north wind', sail as in HtAw 'sail'.	<i>t̲z̲w, nfw</i>

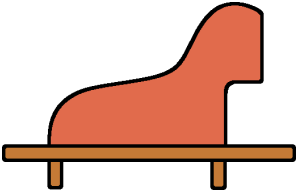
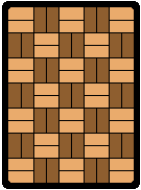
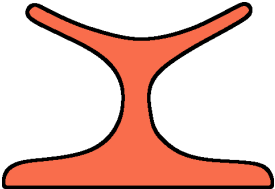

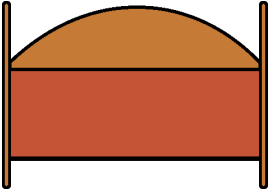
P - Ships and Parts of Ships

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ꜥꜥ</i>	P6	1		mast Phon. aHa as in aHa 'stand' and derivated words.	<i>ꜥꜥ</i>
	P7	2		combination of P6 and D36 Use as P6.	<i>ꜥꜥ</i>
<i>wsr</i>	P8	2		oar Det. oar as in wsrw 'oars'. Phon. xrw as in xrw 'voice'.	<i>wsr, ꜥrw</i>
<i>ꜥrw</i>	P8	1		oar Det. oar as in wsrw 'oars'. Phon. xrw as in xrw 'voice'.	<i>wsr, ꜥrw</i>
<i>mnṯ</i>	P11	2		mooring post Det. in mnit 'mooring post' and related words.	<i>mnṯ</i>

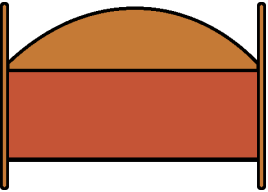




Q - Domestic and Funerary Furniture

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ws	Q1	2		seat Ideo. in st 'seat', 'place'. Phon. st, ws as in Wsir 'Osiris', As as in Ast 'Isis'.	ws, st, ḥtm, wz
wz	Q1	2		seat Ideo. in st 'seat', 'place'. Phon. st, ws as in Wsir 'Osiris', As as in Ast 'Isis'.	ws, st, ḥtm, wz
ḥtm	Q1	2		seat Ideo. in st 'seat', 'place'. Phon. st, ws as in Wsir 'Osiris', As as in Ast 'Isis'.	ws, st, ḥtm, wz
st	Q1	1		seat Ideo. in st 'seat', 'place'. Phon. st, ws as in Wsir 'Osiris', As as in Ast 'Isis'.	ws, st, ḥtm, wz
ws	Q2	1		portable seat Ideo. in st 'seat' (rare). Phon. ws in Wsir 'Osiris' (rare).	ws, wz


Q - Domestic and Funerary Furniture

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
wz	Q2	1		portable seat Ideo. in st 'seat' (rare). Phon. ws in Wsir 'Osiris' (rare).	ws, wz
p	Q3	1		stool of reed matting cf. p 'base' (for shrine). Phon. p.	p
wrs	Q4	1		head-rest Det. in wrs 'head-rest'.	wrs
hn	Q5	1		chest Det. box, chest as in hn 'box', afdt 'chest'.	hn
ḳrs	Q6	1		coffin Ideo. or det. in qrs w 'coffin'. Det. in qrs 'bury'.	ḳrsw, ḳrs

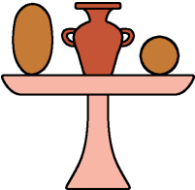
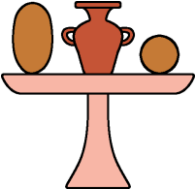
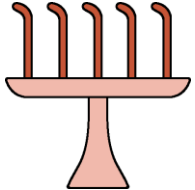
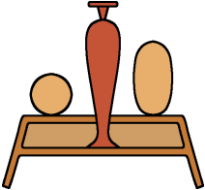
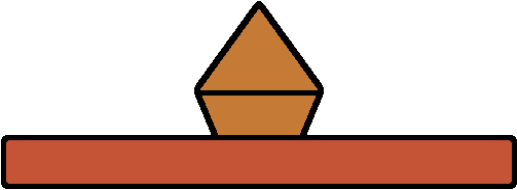
Q - Domestic and Funerary Furniture

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḳrsw</i>	Q6	1		coffin Ideo. or det. in ḳrsw 'coffin'. Det. in ḳrs 'bury'.	<i>ḳrsw, ḳrs</i>
<i>psi</i>	Q7	1		brazier with flame rising from it Det. fire as in xt 'fire', sDt flame; heat as in rḳx and related words. Abbrev. for srf 'temperature'.	<i>ḥt, nsr, srf, t3, psi</i>
<i>nsr</i>	Q7	1		brazier with flame rising from it Det. fire as in xt 'fire', sDt flame; heat as in rḳx and related words. Abbrev. for srf 'temperature'.	<i>ḥt, nsr, srf, t3, psi</i>
<i>ḥt</i>	Q7	2		brazier with flame rising from it Det. fire as in xt 'fire', sDt flame; heat as in rḳx and related words. Abbrev. for srf 'temperature'.	<i>ḥt, nsr, srf, t3, psi</i>
<i>srf</i>	Q7	1		brazier with flame rising from it Det. fire as in xt 'fire', sDt flame; heat as in rḳx and related words. Abbrev. for srf 'temperature'.	<i>ḥt, nsr, srf, t3, psi</i>

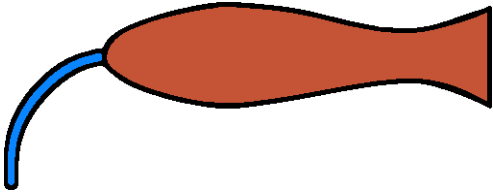
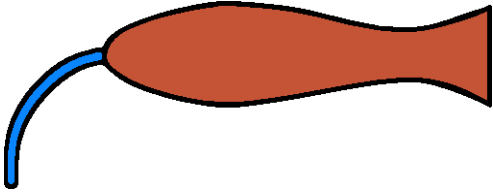
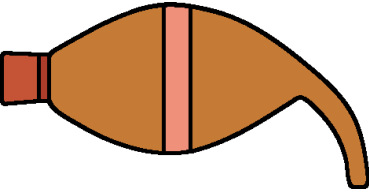

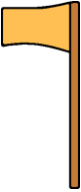
Q - Domestic and Funerary Furniture

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
t3	Q7	6		brazier with flame rising from it Det. fire as in xt 'fire', sDt flame; heat as in rlx and related words. Abbrev. for srf 'temperature'.	<i>ht, nsr, srf, t3, psi</i>

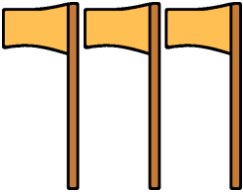


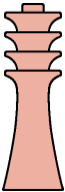
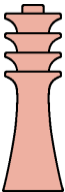
R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥ3wt</i>	R1	1		table with loaves and jug Ideo. or det. in xAwt 'table of offerings'.	<i>ḥ3t, ḥ3wt</i>
<i>ḥ3t</i>	R1	1		table with loaves and jug Ideo. or det. in xAwt 'table of offerings'.	<i>ḥ3t, ḥ3wt</i>
<i>ḥ3wt</i>	R2	2		table with conventionakized slices of bread Alternative form of R1. Ideo. or det. in xAy(t) 'table of offerings'.	<i>ḥ3wt</i>
<i>wḏḥw</i>	R3	1		four-legged table with loaves and libation vase Ideo. or det. in wDHw 'table of offerings'.	<i>wḏḥw</i>
<i>ḥtp</i>	R4	1		loaf X2 on a reed-mat Ideo. in Htp 'altar'. Semi-phon. Htp in 'rest', 'be pleased' and derivatives.	<i>ḥtp</i>

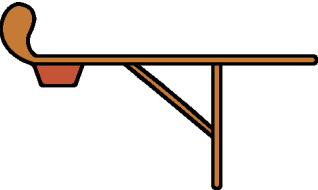


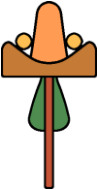
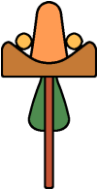
R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>k3p</i>	R5	1		censer for fumigation Ideo. or det. in kAp 'fumigate'. Phon. kAp as in kAp 'harim', 'nursery'.	<i>kp, k3p</i>
<i>kp</i>	R5	1		censer for fumigation Ideo. or det. in kAp 'fumigate'. Phon. kAp as in kAp 'harim', 'nursery'.	<i>kp, k3p</i>
	R6	2		censer for fumigation O.K. form of R5. Use as R5.	<i>kp</i>
<i>sntr</i>	R7	1		bowl for incense with smoke rising from it Ideo. or det. in sntr 'incense'. Equivalent of W10 in bA 'soul'; also in bA 'ram'	<i>sntr</i>
<i>ntr</i>	R8	1		cloth wound on a pole Ideo. in nTr 'god'. Phon. nTr as in nTry 'divine'. Sometimes det. god (rare).	<i>ntr</i>


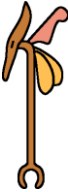
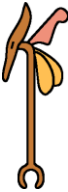


R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ntrw</i>	R8A	1		Not in the original Gardiner list ... under investigation	<i>ntrw</i>
<i>bd</i>	R9	1		combination of R8 and V33 Ideo. or det. in bd 'natron'.	<i>bd</i>
<i>brtntr</i>	R10	1		combination of R8, T28 and N29 Ideo. in Xr(t)-nTr 'necropolis'.	<i>brtntr</i>
<i>dd</i>	R11	1		column imitating a bundle of stalks tied together Ideo. in Dd 'djed-column'. Phon. Dd as in Ddi 'be stable', 'enduring' and derivatives.	<i>dd, dd</i>
<i>dd</i>	R11	1		column imitating a bundle of stalks tied together Ideo. in Dd 'djed-column'. Phon. Dd as in Ddi 'be stable', 'enduring' and derivatives.	<i>dd, dd</i>



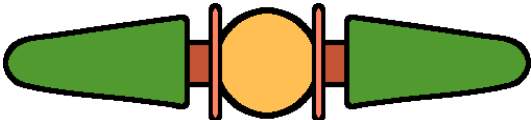
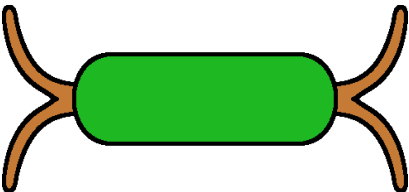
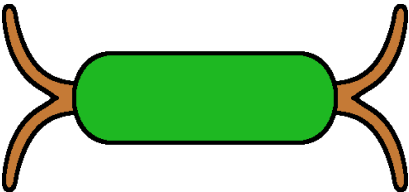
R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ỉt</i>	R12	3		standard for carrying religious symbols Det. in iAt 'standard'. Also accompanying ideograms for gods.	<i>ỉt</i>
<i>imnt</i>	R13	2		falcon G5 on R12 with feather Ideo. in imnt 'west' and related words.	<i>imnt</i>
	R14	1		like R13 without the falcon Abbrev. of R13. Ideo. in imnt'west' and related words (including wnmi/b> 'right hand'.	<i>imnt</i>
<i>ỉb</i>	R15	3		spear decked out as standard Ideo. in iAbt 'east' and related words as in iAbi 'left-hand'.	<i>ỉb, ỉb</i>
<i>ỉb</i>	R15	1		spear decked out as standard Ideo. in iAbt 'east' and related words as in iAbi 'left-hand'.	<i>ỉb, ỉb</i>


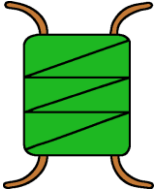
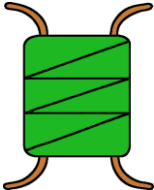
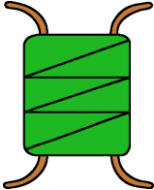
R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
wh	R16	1		papyrus-shaped wand with feathers Ideo; or det. in wx 'the wx-fetish' (of Cusae, in Upper Egypt).	wh
w3s	R19	2		uas-sceptre S40 with fillet and feather Ideo. in WAsT 'Thebes'.	w3s, w3st
w3st	R19	1		uas-sceptre S40 with fillet and feather Ideo. in WAsT 'Thebes'.	w3s, w3st
ss3t	R20	1		conventionakized flower (?) surmounted by horns Ideo. in %SAAt 'Seshat' (the goddess).	ss3t
	R21	2		emblem of the goddess Seshat O.K. form of R20. Use as R20.	ss3t






R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mnw</i>	R22	2		two fossil belemnites (molluscs) ? Ideo. in Mnw 'Min' (the god). Ideo. in #m 'Letopolis' (town in the Delta). Phon. xm.	<i>mnw, hm</i>
<i>hm</i>	R22	1		two fossil belemnites (molluscs) ? Ideo. in Mnw 'Min' (the god). Ideo. in #m 'Letopolis' (town in the Delta). Phon. xm.	<i>mnw, hm</i>
<i>mnw</i>	R23	3		unidentified O.K. form of R22. Use as R22.	<i>mnw</i>
<i>nʾt</i>	R24	1		two bows tied in a package Ideo. or det. in Nt 'Neith' (the goddess).	<i>nrt, nt, nʾt</i>
<i>nrt</i>	R24	2		two bows tied in a package Ideo. or det. in Nt 'Neith' (the goddess).	<i>nrt, nt, nʾt</i>






R - Temple Furniture and Sacred Emblems

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nt</i>	R24	3		two bows tied in a package Ideo. or det. in Nt 'Neith' (the goddess).	<i>nrt, nt, nṯ</i>
<i>nṯ</i>	R25	2		two bows tied in a package O.K. form of R24. Use as R 24.	<i>nrt, nṯ, nt</i>
<i>nrt</i>	R25	3		two bows tied in a package O.K. form of R24. Use as R 24.	<i>nrt, nṯ, nt</i>
<i>nt</i>	R25	4		two bows tied in a package O.K. form of R24. Use as R 24.	<i>nrt, nṯ, nt</i>


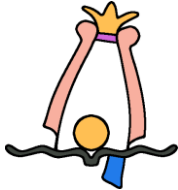

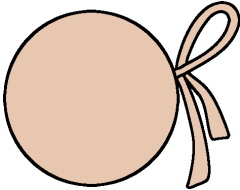
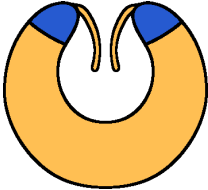
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥḏt</i>	S1	1		white crown of Upper Egypt Ideo. or det. in HDt 'the white crown'. Det. white crown in Sma-s 'crown of Upper Egypt'.	<i>šmcs, ḥḏt</i>
<i>šmcs</i>	S1	1		white crown of Upper Egypt Ideo. or det. in HDt 'the white crown'. Det. white crown in Sma-s 'crown of Upper Egypt'.	<i>šmcs, ḥḏt</i>
<i>ḥḏt</i>	S2	2		combination of S1 and V30 Ideo. or det. in HDt 'white crown'. Det. white crown in wrt 'great crown'.	<i>ḥḏt</i>
<i>n</i>	S3	4		red crown of Lower Egypt Ideo. or det. in dSrt 'red crown'. Det. red crown in mH-s 'crown of Lower Egypt'.	<i>n, N, dšrt</i>
<i>N</i>	S3	1		red crown of Lower Egypt Ideo. or det. in dSrt 'red crown'. Det. red crown in mH-s 'crown of Lower Egypt'.	<i>n, N, dšrt</i>

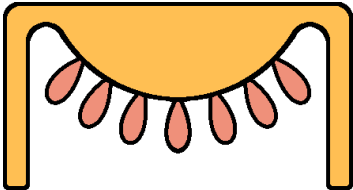
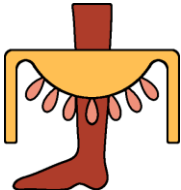
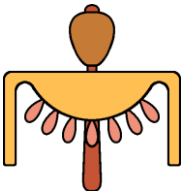
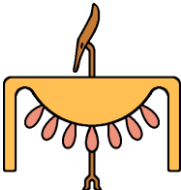
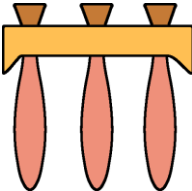
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dšrt</i>	S3	1		red crown of Lower Egypt Ideo. or det. in dSrt 'red crown'. Det. red crown in mH-s 'crown of Lower Egypt'.	<i>n, N, dšrt</i>
<i>nt</i>	S4	1		combination of S3 and V30 Det. red crown as in nt 'net-crown'.	<i>nt</i>
<i>šmty</i>	S5	2		combined white and red crowns Det. double crown in sxmty 'the double crown of Upper and Lower Egypt' (lit. the two powerful ones'.	<i>šmty</i>
<i>wrrt</i>	S6	2		combination of S5 and V30 Ideo. or det. double crown as in sxmty 'the double crown', wttý 'the great crown'.	<i>wrrt, šmty</i>
<i>šmty</i>	S6	1		combination of S5 and V30 Ideo. or det. double crown as in sxmty 'the double crown', wttý 'the great crown'.	<i>wrrt, šmty</i>

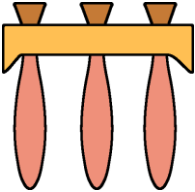
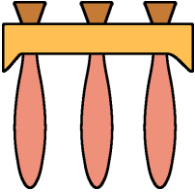
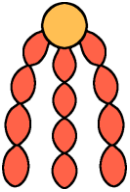
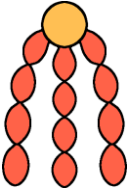
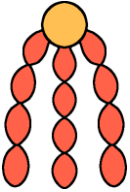
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥprš</i>	S7	1		the blue crown Ideo. or det. in xprS 'the blue crown'.	<i>ḥprš</i>
<i>ʒtf</i>	S8	1		the atef-crown Ideo. or det. in Atf 'the atef-crown'.	<i>ʒtf</i>
<i>šwty</i>	S9	1		two plumes Ideo. or det. in Swty 'double plumes'.	<i>šwty</i>
<i>mḏḥ</i>	S10	1		band of cloth as fillet Ideo. or det. wreath as in wAHw 'wreath', mDH 'fillet'. Phon. mDH.	<i>mḏḥ</i>
<i>wšḥ</i>	S11	1		collar of beads with falcon-headed terminals Ideo. or det. collar in wsx 'collar'. Phon. or phon.det. wsx.	<i>wšḥ</i>




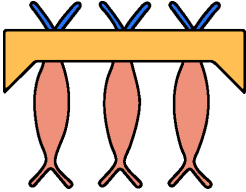
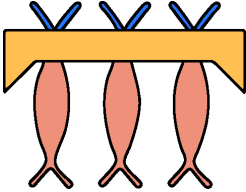
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nbw</i>	S12	1		collar of beads Ideo. in nbw 'gold' and related words. Det. precious metal as in HD 'silver'.	<i>nbw</i>
<i>bni</i>	S13	1		combination of S12 and D58 as in nbi 'gild', 'fashion'.	<i>bni</i>
<i>ḥd</i>	S14	4		combination of S12 and T3 In HD 'silver'.	<i>ḥd</i>
<i>ḏm</i>	S14A	3		combination of S12 and S40 In Dam 'fine gold'.	<i>ḏm</i>
<i>ṯn</i>	S15	1		pectoral of glass or fayence beads Ideo. or det. in tHnt 'fayence', 'glass' and words from the stem tHn 'sparkle', 'be dassing'.	<i>ṯnt, ṯn, ṯn</i>

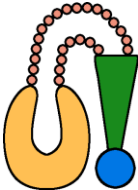
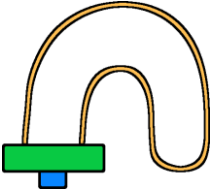
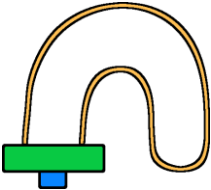
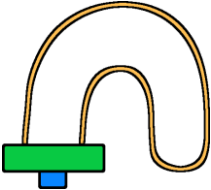
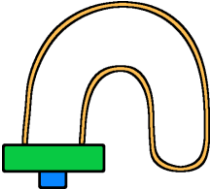
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i><u>t</u>hn</i>	S15	1		pectoral of glass or fayence beads Ideo. or det. in tHnt 'fayence', 'glass' and words from the stem tHn 'sparkle', 'be dassing'.	<i>t̎ht, t̎n, t̎n</i>
<i>t̎ht</i>	S15	1		pectoral of glass or fayence beads Ideo. or det. in tHnt 'fayence', 'glass' and words from the stem tHn 'sparkle', 'be dassing'.	<i>t̎ht, t̎n, t̎n</i>
<i>t̎n</i>	S16	2		glass or fayence beads O.K. form of S15. Use as S15.	<i>t̎n, t̎n, t̎ht</i>
<i><u>t</u>hn</i>	S16	2		glass or fayence beads O.K. form of S15. Use as S15.	<i>t̎n, t̎n, t̎ht</i>
<i><u>t̎</u>ht</i>	S16	2		glass or fayence beads O.K. form of S15. Use as S15.	<i>t̎n, t̎n, t̎ht</i>




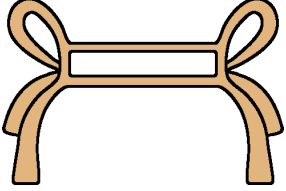
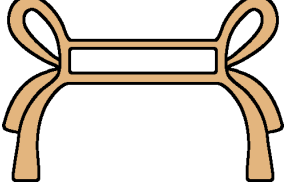
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>tḥn</i>	S17	3		another O.K. form of S15 Use as S15.	<i>tḥn, tḥn, tḥnt</i>
<i>tḥn</i>	S17	3		another O.K. form of S15 Use as S15.	<i>tḥn, tḥn, tḥnt</i>
<i>tḥnt</i>	S17	3		another O.K. form of S15 Use as S15.	<i>tḥn, tḥn, tḥnt</i>
<i>šsm</i>	S17A	1		girdle as worn by various gods Ideo. in \wedge smtt 'Shesmetet' (goddess). Phon. Ssm in Ssmt 'malachite' and in &A- \wedge smt 'To-Shesmet' (region of Egypt).	<i>šsm, šsmtt</i>
<i>šsmtt</i>	S17A	1		girdle as worn by various gods Ideo. in \wedge smtt 'Shesmetet' (goddess). Phon. Ssm in Ssmt 'malachite' and in &A- \wedge smt 'To-Shesmet' (region of Egypt).	<i>šsm, šsmtt</i>

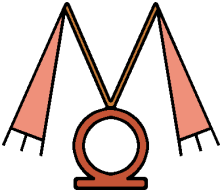
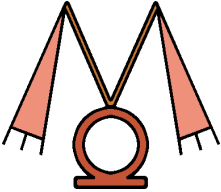
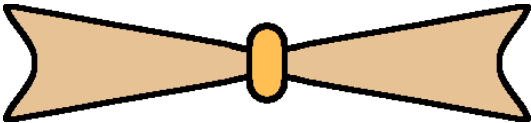
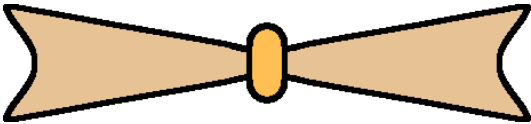
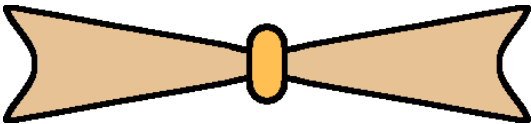
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mnit</i>	S18	1		bead-necklace counterpoise Ideo; or det. in mnit 'bead-necklace', 'menat'.	<i>mnit</i>
<i>htm</i>	S19	2		cylinder-seal attached to bead-necklace Ideo. in sDAwty 'treasurer' and in the related word sDaw 'precious'.	<i>htm, htmty, sd3wty, sd3w</i>
<i>htmty</i>	S19	1		cylinder-seal attached to bead-necklace Ideo. in sDAwty 'treasurer' and in the related word sDaw 'precious'.	<i>htm, htmty, sd3wty, sd3w</i>
<i>sd3w</i>	S19	1		cylinder-seal attached to bead-necklace Ideo. in sDAwty 'treasurer' and in the related word sDaw 'precious'.	<i>htm, htmty, sd3wty, sd3w</i>
<i>sd3wty</i>	S19	1		cylinder-seal attached to bead-necklace Ideo. in sDAwty 'treasurer' and in the related word sDaw 'precious'.	<i>htm, htmty, sd3wty, sd3w</i>

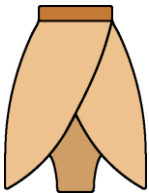
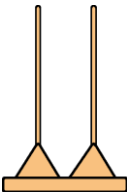
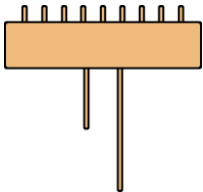
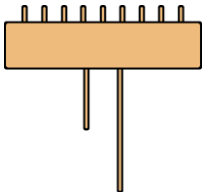
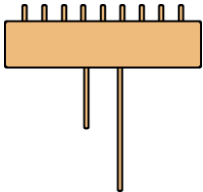
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ẖtm</i>	S20	1		cyliner-seal attached to bead-necklace Ideo. or det. in xtm 'seal' and related words. Det. seal in sDAyt 'seal'. Ideo. or det. in Saty 'seal' (a unit of value).	<i>ẖtm, ḏbct, sḏꜣwty</i>
<i>sḏꜣwty</i>	S20	2		cyliner-seal attached to bead-necklace Ideo. or det. in xtm 'seal' and related words. Det. seal in sDAyt 'seal'. Ideo. or det. in Saty 'seal' (a unit of value).	<i>ẖtm, ḏbct, sḏꜣwty</i>
<i>ḏbct</i>	S20	1		cyliner-seal attached to bead-necklace Ideo. or det. in xtm 'seal' and related words. Det. seal in sDAyt 'seal'. Ideo. or det. in Saty 'seal' (a unit of value).	<i>ẖtm, ḏbct, sḏꜣwty</i>
<i>sṯ</i>	S22	1		shoulder-knot Phon. sT as in %tt 'Asia', 'Sehel' (island of the 1st cataract). Ideo. or det. in tA-wr 'larboard' (O.K.)	<i>sṯ, tꜣwr</i>
<i>tꜣwr</i>	S22	1		shoulder-knot Phon. sT as in %tt 'Asia', 'Sehel' (island of the 1st cataract). Ideo. or det. in tA-wr 'larboard' (O.K.)	<i>sṯ, tꜣwr</i>

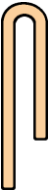
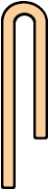
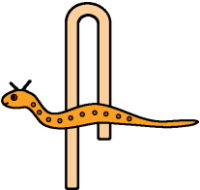
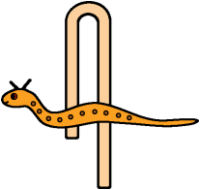

S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dmd</i>	S23	1		knotted strips of cloth Ideo. or det. in dmd 'unite' and derivatives. Different from Aa6 !	<i>dmd</i> <u>̣</u> , <i>dmd</i>
<i>dmd</i> <u>̣</u>	S23	1		knotted strips of cloth Ideo. or det. in dmd 'unite' and derivatives. Different from Aa6 !	<i>dmd</i> <u>̣</u> , <i>dmd</i>
<i>ts</i> <u>̣</u>	S24	1		girdle knot Ideo. in Tst 'knot', 'vertebra'. Semi-ideo. in Ts 'tie', 'bind' and derivatives.	<i>ts</i> <u>̣</u> , <i>tst</i> <u>̣</u> , <i>tz</i> <u>̣</u>
<i>tz</i> <u>̣</u>	S24	1		girdle knot Ideo. in Tst 'knot', 'vertebra'. Semi-ideo. in Ts 'tie', 'bind' and derivatives.	<i>ts</i> <u>̣</u> , <i>tst</i> <u>̣</u> , <i>tz</i> <u>̣</u>
<i>tst</i> <u>̣</u>	S24	1		girdle knot Ideo. in Tst 'knot', 'vertebra'. Semi-ideo. in Ts 'tie', 'bind' and derivatives.	<i>ts</i> <u>̣</u> , <i>tst</i> <u>̣</u> , <i>tz</i> <u>̣</u>



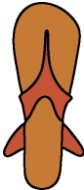
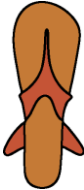

S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šndyt</i>	S26	1		apron Ideo. or det. in Sndyt 'apron'.	<i>šndyt</i>
<i>mnḥt</i>	S27	1		horizontal strip of cloth with two strands of a fringe Ideo. or det. in mnxt 'clothing'.	<i>mnḥt</i>
<i>ḥꜣy</i>	S28	1		strip of cloth with fringe combined with S29 Det. in Hbs 'clothing'; in related notions as HAY 'naked', kfi 'uncover'. Det. cloth as in insy 'red cloth'.	<i>ḥꜣy, kfy, ḥbs</i>
<i>ḥbs</i>	S28	1		strip of cloth with fringe combined with S29 Det. in Hbs 'clothing'; in related notions as HAY 'naked', kfi 'uncover'. Det. cloth as in insy 'red cloth'.	<i>ḥꜣy, kfy, ḥbs</i>
<i>kfy</i>	S28	1		strip of cloth with fringe combined with S29 Det. in Hbs 'clothing'; in related notions as HAY 'naked', kfi 'uncover'. Det. cloth as in insy 'red cloth'.	<i>ḥꜣy, kfy, ḥbs</i>

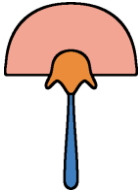
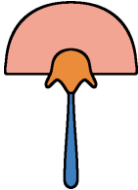
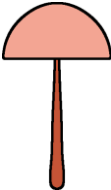

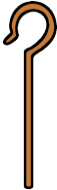
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
s	S29	1		folded cloth Phon.s. Abbrev. for snb in formula.	s, z
z	S29	2		folded cloth Phon.s. Abbrev. for snb in formula.	s, z
sf	S30	1		combination of S29 and I9 Phon. sf in sf 'yesterday'.	sf
	S30A	2		Not in the original Gardiner list ... under investigation	sf
sm3	S31	3		combination of S29 and U1 Phon. smA as in smA 'fighting bull'.	sm3

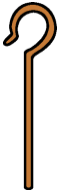



S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>si̓</i>	S32	1		piece of cloth with fringe Ideo. or det. in siAt 'piece of cloth'. Phon. siA as in siA 'recognize'.	<i>si̓, si̓t</i>
<i>si̓t</i>	S32	1		piece of cloth with fringe Ideo. or det. in siAt 'piece of cloth'. Phon. siA as in siA 'recognize'.	<i>si̓, si̓t</i>
<i><u>t</u>b</i>	S33	1		sandal Ideo. or det. in Tbt 'sandal'. Semi-phon. or phon.det. Tb as in Tbw 'sandal-maker'.	<i><u>t</u>b, <u>t</u>b</i>
<i><u>t</u>bt</i>	S33	1		sandal Ideo. or det. in Tbt 'sandal'. Semi-phon. or phon.det. Tb as in Tbw 'sandal-maker'.	<i><u>t</u>bt, <u>t</u>b</i>
<i>cn̥b</i>	S34	1		tie or strap, especially sandal-strap Ideo. in anx 'sandal-strap'. Semi-ideo. in anx 'mirror'. Phon. anx as in anx 'life'.	<i>cn̥b</i>


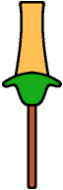
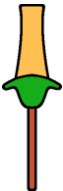
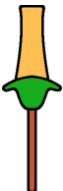

S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sryt</i>	S35	1		sunshade of ostrich feathers Ideo. in Swt 'shadow', 'shade'. Ideo. or det. in sryt (military) standard.	<i>sryt, šwt</i>
<i>šwt</i>	S35	1		sunshade of ostrich feathers Ideo. in Swt 'shadow', 'shade'. Ideo. or det. in sryt (military) standard.	<i>sryt, šwt</i>
<i>ḥpwī</i>	S36	1		sunshade O.K. form of S35. Use as S35.	<i>ḥpwī</i>
<i>ḥw</i>	S37	1		short-handled fan Ideo. or det. in xw 'fan'.	<i>ḥw</i>
<i>ḥkꜣ</i>	S38	1		crook Ideo. or det. in Hq(A)t 'sceptre'. Phon. HqA as in HqA 'rule', HqAt 'heqat-measure'. Usually replaces the awet-sceptre S39.	<i>ḥkꜣ, ḥkꜣt</i>


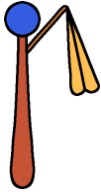

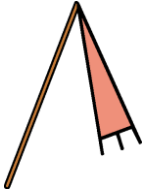
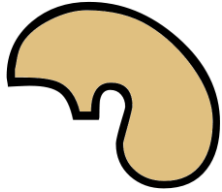
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥkꜣt</i>	S38	3		crook Ideo. or det. in Hq(A)t 'sceptre'. Phon. HqA as in HqA 'rule', HqAt 'heqat-measure'. Usually replaces the awet-sceptre S39.	<i>ḥkꜣ, ḥkꜣt</i>
<i>ꜣwt</i>	S39	1		peasant's crook In awt 'awet-sceptre'. Usually replaced in hieroglyphic writing by S38. Phon. awt (occasionally) as in awt 'flocks'.	<i>ꜣwt</i>
<i>wꜣs</i>	S40	1		sceptre with straight shaft and head of Seth (?)-animal Ideo. or det. in wAs 'uas-sceptre'. Phon. or phon.det. wAs as in wAsi 'decay'. Represents also Dam 'the djam-sceptre' (S41). Phon. Dam as in Dam 'fine gold'. Phon. wAb (?) as in WAbwt (locality). Phon. iAtt in iAtt 'milk', 'cream'.	<i>wꜣs, dꜣm</i>
<i>dꜣm</i>	S40	2		sceptre with straight shaft and head of Seth (?)-animal Ideo. or det. in wAs 'uas-sceptre'. Phon. or phon.det. wAs as in wAsi 'decay'. Represents also Dam 'the djam-sceptre' (S41). Phon. Dam as in Dam 'fine gold'. Phon. wAb (?) as in WAbwt (locality). Phon. iAtt in iAtt 'milk', 'cream'.	<i>wꜣs, dꜣm</i>

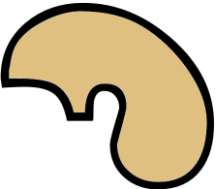
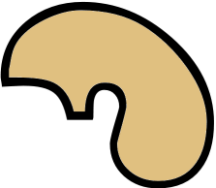
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	S41	1		sceptre with spiral shaft and head of Seth (?) - animal In Dam 'djam-sceptre'. Phon. Dam (occasionally) in Damw 'fine gold'.	<i>ḍem</i>
<i>ḥb₃</i>	S42	1		sceptre of authority Ideo. or det. in abA 'aba-sceptre'. Phon. or phon.det. abA as in abA 'stela'. Phon. sxm as in sxm 'have power'. Ideo. or det. in xrp 'be at head', 'control' and related words.	<i>ḥrp, ḥb₃, šhm</i>
<i>ḥrp</i>	S42	1		sceptre of authority Ideo. or det. in abA 'aba-sceptre'. Phon. or phon.det. abA as in abA 'stela'. Phon. sxm as in sxm 'have power'. Ideo. or det. in xrp 'be at head', 'control' and related words.	<i>ḥrp, ḥb₃, šhm</i>
<i>šhm</i>	S42	1		sceptre of authority Ideo. or det. in abA 'aba-sceptre'. Phon. or phon.det. abA as in abA 'stela'. Phon. sxm as in sxm 'have power'. Ideo. or det. in xrp 'be at head', 'control' and related words.	<i>ḥrp, ḥb₃, šhm</i>
<i>md</i>	S43	1		walking-stick Ideo. in md(w) 'walking-stick', 'staff'. Phon. md in m(w)dw 'speak' and derivatives.	<i>mdw, md</i>




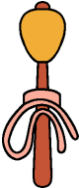
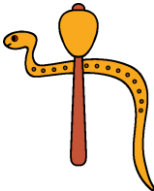
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mdw</i>	S43	1		walking-stick Ideo. in md(w) 'walking-stick', 'staff'. Phon. md in m(w)dw 'speak' and derivatives.	<i>mdw, md</i>
<i>ꜣms</i>	S44	1		combination walking-stick and flagellum S45 Ideo. or det. in Ams 'ames-sceptre'.	<i>ꜣms</i>
<i>nhꜣhꜣ</i>	S45	1		flagellum Ideo. or det. in nxxw 'flagellum'.	<i>nhꜣw, nhꜣhꜣ</i>
<i>nhꜣw</i>	S45	1		flagellum Ideo. or det. in nxxw 'flagellum'.	<i>nhꜣw, nhꜣhꜣ</i>
<i>ḳ</i>	S56	2		Not in the original Gardiner list ... under investigation	<i>ḳ, K, ḳ</i>

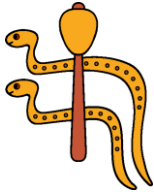
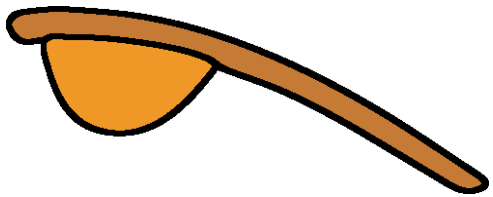


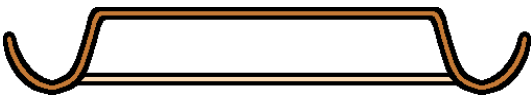
S - Crowns, Dress, Staves

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>k</i>	S56	3		Not in the original Gardiner list ... under investigation	<i>k, K, ˀ</i>
<i>K</i>	S56	1		Not in the original Gardiner list ... under investigation	<i>k, K, ˀ</i>






T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mn</i>	T1	2		prehistoric mace with cup- or dish-shaped head cf. mnw name of this mace. Phon. mnw.	<i>mn, mnw</i>
<i>mnw</i>	T1	4		prehistoric mace with cup- or dish-shaped head cf. mnw name of this mace. Phon. mnw.	<i>mn, mnw</i>
<i>ḥd</i>	T3	1		mace with pear-shaped head (vertical) Ideo. in HD 'mace'. Phon. HD as in HDi 'damage', HD 'white'.	<i>ḥd</i>
	T4	2		T3 with a strap to pass round hand Use as T3.	<i>ḥd</i>
	T5	3		combination of T3 and I10 Use as T3.	<i>ḥd</i>






T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥdd</i>	T6	1		combination of T3 and two I10 Phon. HDD.	<i>ḥdd</i>
<i>mdḥ</i>	T7	2		axe Det. in mibt (O.K.) and minb (M.K.) 'axe'. Det. in mdx 'hew'. Ideo. in mDH(w) 'carpenter'.	<i>mdḥ</i>
<i>tp</i>	T8	2		dagger of archaic type Det. in mtpnt 'dagger'. Phon. tpy in tpy 'chief', 'first' (probably derived from an oboslete word tp 'dagger').	<i>tp</i>
<i>tp</i>	T8A	3		dagger (from M.K.) Det. in b(A)gsw 'dagger'.	<i>tp</i>
<i>pd</i>	T9	1		bow consisting of oryx horns joined by wooden centre-piece Ideo. or det. in pDt 'bow'. Phon. or phon.det. pD and later pd as in pd 'stretch'.	<i>pd, pḏ</i>

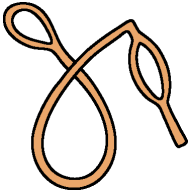
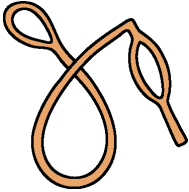
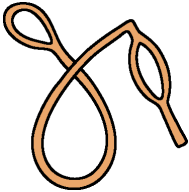
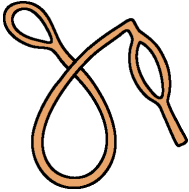

T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>p<u>d</u></i>	T9	2		bow consisting of oryx horns joined by wooden centre-piece Ideo. or det. in pDt 'bow'. Phon. or phon.det. pD and later pd as in pd 'stretch'.	<i>p<u>d</u>, p<u>d</u></i>
<i>p<u>d</u></i>	T9A	2		bow (O.K. form of T9) Use as T9.	<i>p<u>d</u>, p<u>d</u></i>
<i>p<u>d</u></i>	T9A	3		bow (O.K. form of T9) Use as T9.	<i>p<u>d</u>, p<u>d</u></i>
	T10	1		composite bow with middle tied to bowstring when out of use Det. in iwnt 'bow'.	<i>p<u>d</u></i>
<i>s<u>i</u>n</i>	T11	2		arrow Det. in aHA and Ssr 'arrow'. Phon.det. in sxr 'overlay'.Phon. or phon.det. sin, sw n as in sw n 'perish'.	<i>s<u>h</u>r, z<u>w</u>n, z<u>i</u>n, s<u>w</u>n, s<u>s</u>r, s<u>i</u>n</i>






T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sw̄n</i>	T11	1		arrow Det. in aHA and Ssr 'arrow'. Phon.det. in sxr 'overlay'.Phon. or phon.det. sin, sw̄n as in sw̄n 'perish'.	<i>sh̄r, zwn, z̄in, sw̄n, ššr, s̄in</i>
<i>sh̄r</i>	T11	1		arrow Det. in aHA and Ssr 'arrow'. Phon.det. in sxr 'overlay'.Phon. or phon.det. sin, sw̄n as in sw̄n 'perish'.	<i>sh̄r, zwn, z̄in, sw̄n, ššr, s̄in</i>
<i>ššr</i>	T11	4		arrow Det. in aHA and Ssr 'arrow'. Phon.det. in sxr 'overlay'.Phon. or phon.det. sin, sw̄n as in sw̄n 'perish'.	<i>sh̄r, zwn, z̄in, sw̄n, ššr, s̄in</i>
<i>z̄in</i>	T11	1		arrow Det. in aHA and Ssr 'arrow'. Phon.det. in sxr 'overlay'.Phon. or phon.det. sin, sw̄n as in sw̄n 'perish'.	<i>sh̄r, zwn, z̄in, sw̄n, ššr, s̄in</i>
<i>zwn</i>	T11	1		arrow Det. in aHA and Ssr 'arrow'. Phon.det. in sxr 'overlay'.Phon. or phon.det. sin, sw̄n as in sw̄n 'perish'.	<i>sh̄r, zwn, z̄in, sw̄n, ššr, s̄in</i>



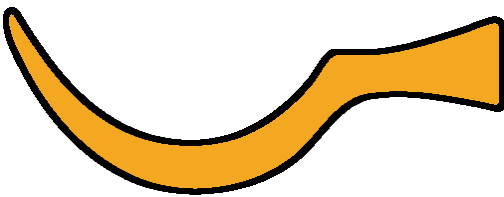
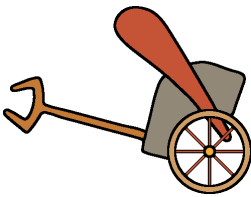

T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ʒi	T12	1		bow-string Ideo. or det. in rwd 'string', 'bow-string'. Phon. or phon.det. rwD, rwd. Ideo.det. in Ar 'restrain'. Phon.det. Ar, Ai.	ʒr, rwd <u>i</u> , ʒi, rwd
ʒr	T12	1		bow-string Ideo. or det. in rwd 'string', 'bow-string'. Phon. or phon.det. rwD, rwd. Ideo.det. in Ar 'restrain'. Phon.det. Ar, Ai.	ʒr, rwd <u>i</u> , ʒi, rwd
rwd	T12	1		bow-string Ideo. or det. in rwd 'string', 'bow-string'. Phon. or phon.det. rwD, rwd. Ideo.det. in Ar 'restrain'. Phon.det. Ar, Ai.	ʒr, rwd <u>i</u> , ʒi, rwd
rwdi	T12	1		bow-string Ideo. or det. in rwd 'string', 'bow-string'. Phon. or phon.det. rwD, rwd. Ideo.det. in Ar 'restrain'. Phon.det. Ar, Ai.	ʒr, rwd <u>i</u> , ʒi, rwd
rs	T13	1		pieces of wood joined and lashed at the joint Semi-ideo. in rs 'be wakeful', 'vigilant' and derivatives. Phon. rs as in rst 'foreign hordes'.	rs





T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ṣm</i>	T14	2		throw-stick, club (foreign weapon of warfare) Det. in amaAt 'throw-stick', amaA 'throw'; also in qmA 'create' and derivatives. Det. as club, in *Hnw 'Libya', aAm 'Asiatic' and extended to all foreign peoples and countries.	<i>nḥsi, ṣm, ḳm3, ṯḥnw</i>
<i>nḥsi</i>	T14	1		throw-stick, club (foreign weapon of warfare) Det. in amaAt 'throw-stick', amaA 'throw'; also in qmA 'create' and derivatives. Det. as club, in *Hnw 'Libya', aAm 'Asiatic' and extended to all foreign peoples and countries.	<i>nḥsi, ṣm, ḳm3, ṯḥnw</i>
<i>ḳm3</i>	T14	1		throw-stick, club (foreign weapon of warfare) Det. in amaAt 'throw-stick', amaA 'throw'; also in qmA 'create' and derivatives. Det. as club, in *Hnw 'Libya', aAm 'Asiatic' and extended to all foreign peoples and countries.	<i>nḥsi, ṣm, ḳm3, ṯḥnw</i>
<i>ṯḥnw</i>	T14	1		throw-stick, club (foreign weapon of warfare) Det. in amaAt 'throw-stick', amaA 'throw'; also in qmA 'create' and derivatives. Det. as club, in *Hnw 'Libya', aAm 'Asiatic' and extended to all foreign peoples and countries.	<i>nḥsi, ṣm, ḳm3, ṯḥnw</i>
<i>ṣm</i>	T15	1		throw-stick (O.K. form of T14) Use as T14.	<i>ṯḥnw, ṣm, nḥsi</i>




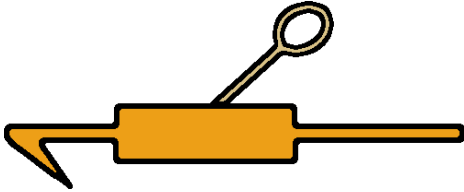

T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nḥsi</i>	T15	2		throw-stick (O.K. form of T14) Use as T14.	<i>tḥnꜣw, m, nḥsi</i>
<i>tḥnꜣw</i>	T15	2		throw-stick (O.K. form of T14) Use as T14.	<i>tḥnꜣw, m, nḥsi</i>
<i>ḥpš</i>	T16	3		scimeter Det. in xpS 'scimeter'.	<i>ḥpš</i>
<i>wrrt</i>	T17	1		chariot Ideo. or det. in wrrt	<i>wrrt</i>
<i>šms</i>	T18	1		crook S39 with a package containing a knife...lashed to it Ideo. in Sms 'follow', accompany' and related words.	<i>šms</i>




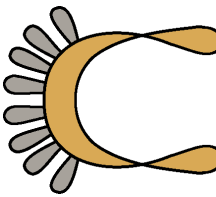
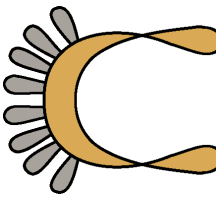
T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ks</i>	T19	1		harpoon-head of bone Det. in qs 'bone', 'harpoon'. Phon. or phon.det. qs as in qsn 'be irksome', qes as in qrs 'bury'. Phon. or phon.det. also gn as in gnwt 'annals'. Det. bone as in Ab 'ivory'	<i>twr, twi, ks, gn</i>
<i>gn</i>	T19	1		harpoon-head of bone Det. in qs 'bone', 'harpoon'. Phon. or phon.det. qs as in qsn 'be irksome', qes as in qrs 'bury'. Phon. or phon.det. also gn as in gnwt 'annals'. Det. bone as in Ab 'ivory'	<i>twr, twi, ks, gn</i>
<i>twi</i>	T19	1		harpoon-head of bone Det. in qs 'bone', 'harpoon'. Phon. or phon.det. qs as in qsn 'be irksome', qes as in qrs 'bury'. Phon. or phon.det. also gn as in gnwt 'annals'. Det. bone as in Ab 'ivory'	<i>twr, twi, ks, gn</i>
<i>twr</i>	T19	1		harpoon-head of bone Det. in qs 'bone', 'harpoon'. Phon. or phon.det. qs as in qsn 'be irksome', qes as in qrs 'bury'. Phon. or phon.det. also gn as in gnwt 'annals'. Det. bone as in Ab 'ivory'	<i>twr, twi, ks, gn</i>

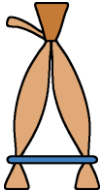
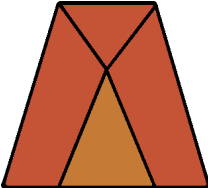
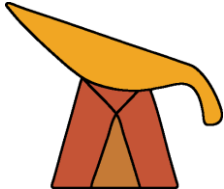
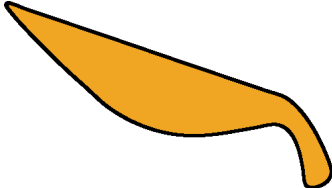
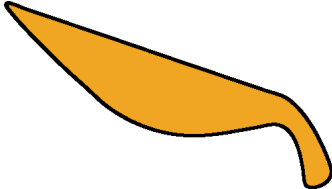
T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
gn	T20	2		harpoon-head of bone (O.K. form of T19) Use as T19	twr, twi', gn
twi'	T20	2		harpoon-head of bone (O.K. form of T19) Use as T19	twr, twi', gn
twr	T20	2		harpoon-head of bone (O.K. form of T19) Use as T19	twr, twi', gn
wr	T21	1		one-barbed harpoon Ideo. in wa 'one' and derivatives.	wr
sn	T22	1		two-barbed arrow-head Ideo. in snw 'two' and related words. Phon. sn as in sin 'smell', 'kiss' and sntr 'incense'.	snw, sn

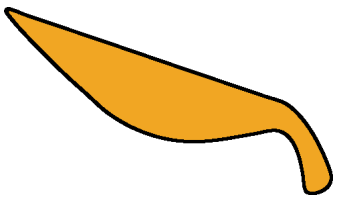
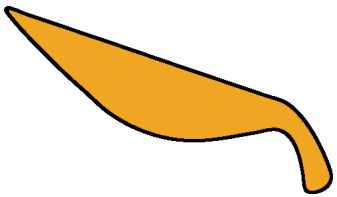
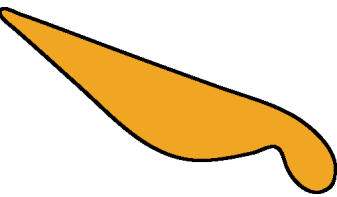
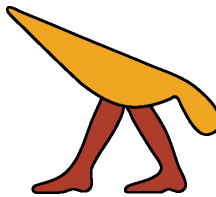
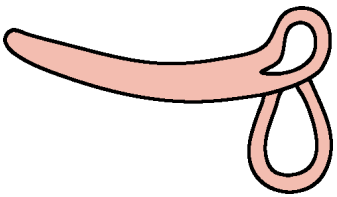
T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
snw	T22	1		two-barbed arrow-head Ideo. in snw 'two' and related words. Phon. sn as in sin 'smell', 'kiss' and sntr 'incense'.	snw, sn
sn	T23	2		arrow-head (alternative form of T23) Use as T23.	snw, sn
snw	T23	2		arrow-head (alternative form of T23) Use as T23.	snw, sn
ih	T24	1		fishing-net Det. in aH. Phon. aH, iH as in aHt 'field', 'holding'.	ih, ch
ch	T24	3		fishing-net Det. in aH. Phon. aH, iH as in aHt 'field', 'holding'.	ih, ch


T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dbꜣ</i>	T25	1		reed-floats used in fishing and hunting the hippopotamus Cf. DbAw 'floats'. Phon. DbA as in DbA 'clothe', 'adorn'.	<i>dbꜣ</i>
<i>hr</i>	T28	1		butcher's block Semi-ideo. in Xr 'under'. Phon. Xr.	<i>hr</i>
<i>nmt</i>	T29	1		combination of T30 and T28 Ideo. in nmt 'place of slaughter'.	<i>nmt</i>
<i>šꜥd</i>	T30	1		knife Det. knife as in ds 'knife', sharp in dm 'be sharp', cut as in Sad 'cut down'.	<i>šꜥd, ds, dm, dmt</i>
<i>dm</i>	T30	1		knife Det. knife as in ds 'knife', sharp in dm 'be sharp', cut as in Sad 'cut down'.	<i>šꜥd, ds, dm, dmt</i>




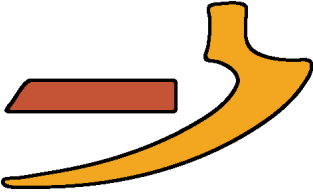
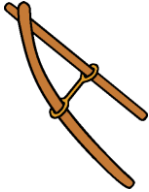
T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>dmṯ</i>	T30	1		knife Det. knife as in ds 'knife', sharp in dm 'be sharp', cut as in Sad 'cut down'.	<i>šꜥd, ds, dm, dmṯ</i>
<i>ds</i>	T30	1		knife Det. knife as in ds 'knife', sharp in dm 'be sharp', cut as in Sad 'cut down'.	<i>šꜥd, ds, dm, dmṯ</i>
<i>sšm</i>	T31	1		knife-sharpener (?) Phon. sSm in sSm 'guide', 'lead' and related words.	<i>sšm</i>
	T32	2		combination of T31 and D54 Phon. sSm in sSm 'guide', 'lead'.	<i>sšm</i>
	T33	3		knife-sharpener as carried by butcher Ideo. in sSm 'butcher'.	<i>sšm</i>

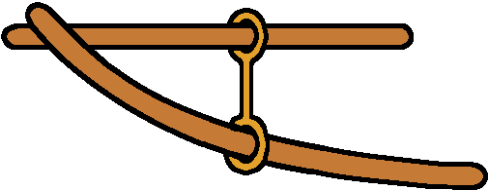
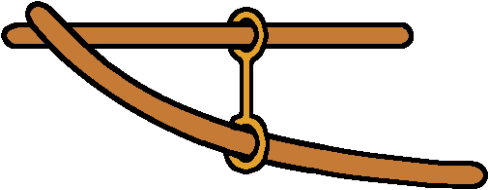
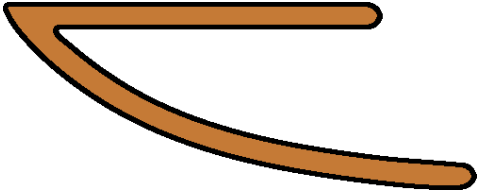
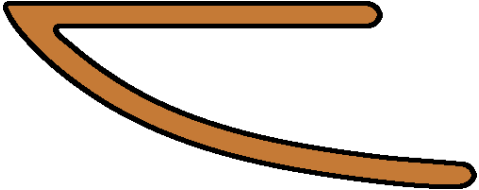
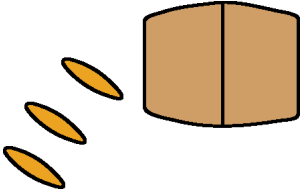
T - Warfare, Hunting, Butchery

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nm</i>	T34	1		butcher's knife Ideo. in nm 'knife'. Phon. nm.	<i>nm</i>

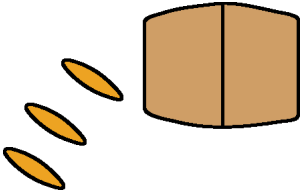
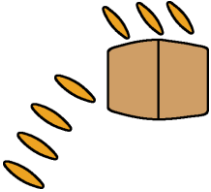
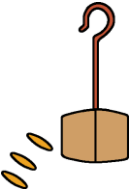
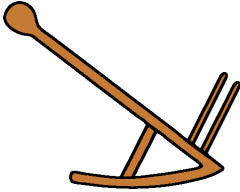
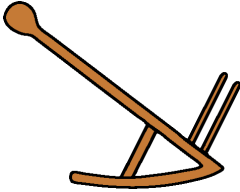
U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m3</i>	U1	1		sickle Ideo. in mA 'sickle-shaped end' of the wiA-boat (P3). Phon. mA. Used for m in group writing. Sign similar but not identical, det. in Asx 'reap'.	<i>m3</i>
<i>m33</i>	U3	1		combination of U1 and D4. In mAA 'see'.	<i>m33</i>
<i>m3r</i>	U4	3		combination of U1 and Aa11 In mAat 'truth' and related words.	<i>m3r</i>
	U5	4		combination of U1 and Aa11 Alternative form of U4. Use as U4.	<i>m3r</i>
<i>mr</i>	U6	1		hoe Det. cultivate, hack up as in ad 'hack up', xbs 'cultivate', 'hoe'. Phon. mr (reason ?).	<i>mr</i>

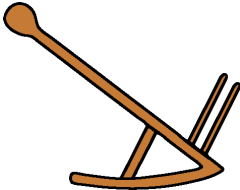
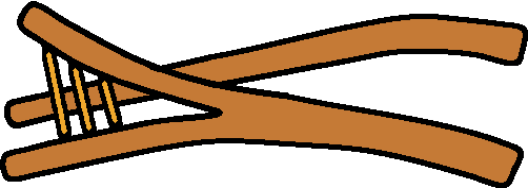
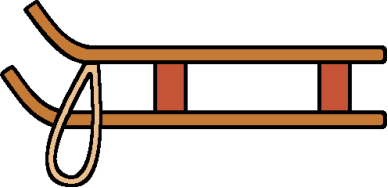
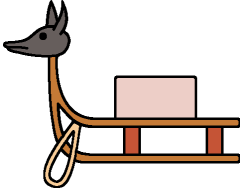
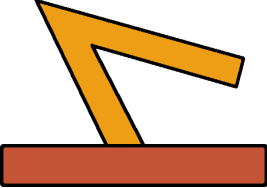
U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>wb3</i>	U7	2		hoe Alternative form of U6. Use as U6.	<i>mri, wb3</i>
<i>mri</i>	U7	1		hoe Alternative form of U6. Use as U6.	<i>mri, wb3</i>
<i>hn</i>	U8	2		hoe without the rope connecting the two pieces Det. in Hnn 'hoe'. Phon. Hn.	<i>hn, hnn</i>
<i>hnn</i>	U8	1		hoe without the rope connecting the two pieces Det. in Hnn 'hoe'. Phon. Hn.	<i>hn, hnn</i>
<i>bd</i> <i>t</i>	U9	2		corn-measure with grain pouring out Det. grain as in bdt 'emmer', sSr 'corn'; measure as in xai 'measure', HqAt 'heqat-measure'	<i>bd, h3i</i>

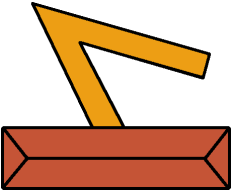
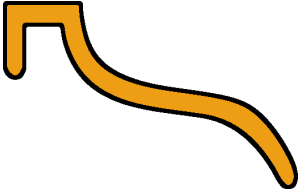
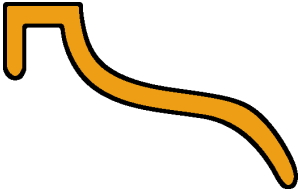

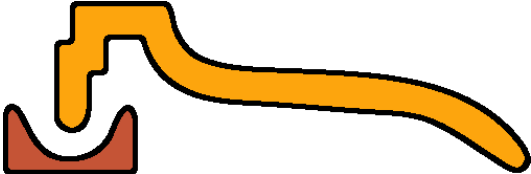
U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥꜣi</i>	U9	2		corn-measure with grain pouring out Det. grain as in bdt 'emmer', sSr 'corn'; measure as in xai 'measure', HqAt 'heqat-measure'	<i>bdt, ḥꜣi</i>
<i>it</i>	U10	1		combination of U9 and M33 Ideo. in it 'barley', 'corn'. Sometimes det. grain insteae of U9.	<i>it</i>
<i>ḥkꜣt</i>	U11	1		combination of U9 and S38 In HqAt 'heqat-measure'	<i>ḥkꜣt</i>
<i>hb</i>	U13	1		plough Det. plough in hb 'plough'(n.), skA 'plough' (vb.), prt 'seed'. Phon. hb. Phon. or phon.det. Sna in Sna 'repel' (from dyn. V, replaces old sign U14).	<i>skꜣ, hb, šnc</i>
<i>skꜣ</i>	U13	1		plough Det. plough in hb 'plough'(n.), skA 'plough' (vb.), prt 'seed'. Phon. hb. Phon. or phon.det. Sna in Sna 'repel' (from dyn. V, replaces old sign U14).	<i>skꜣ, hb, šnc</i>

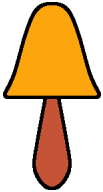

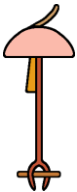
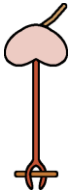

U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
šnc	U13	1		plough Det. plough in hb 'plough'(n.), skA 'plough' (vb.), prt 'seed'. Phon. hb. Phon. or phon.det. Sna in Sna 'repel' (from dyn. V, replaces old sign U14).	sk3, hb, šnc
	U14	2		two branches of wood joined at one end Old form of U13, phon. Sna	šnc
tm	U15	1		sledge In tmt 'sledge'. Phon. tm as in tm 'be complete'.	tm
bi3	U16	1		sledge with head of a jackal bearing a load of metal Det. in wnS 'sledge'. Ideo. in biAi 'of copper' (adj.). Phon. or phon.det. biA in by (orig. biA 'wonder' and related words).	bi3
grg	U17	1		pick excavating a pool N38 Ideo. in grg 'found', 'establish', 'snare'. Phon.det. grg as in grg lie'.	grg

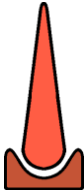
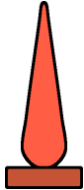
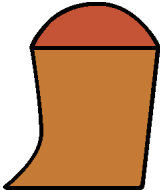
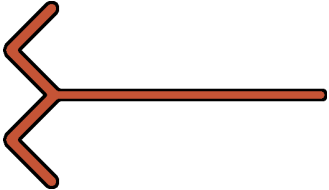
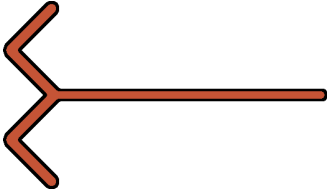
U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	U18	2		pick excavating a pool O.K. form of U17. Use as U17.	<i>grg</i>
<i>nw</i>	U19	2		adze Ideo. in nwty 'the two adzes'. Phon. nw as in nw 'this'. Used for n in group writing.	<i>nwh, nw</i>
<i>nwh</i>	U19	1		adze Ideo. in nwty 'the two adzes'. Phon. nw as in nw 'this'. Used for n in group writing.	<i>nwh, nw</i>
<i>nw</i>	U20	3		adze O.K. form of U19. Use as U19.	<i>nw</i>
<i>stp</i>	U21	1		adze at work on a block of wood Det. in stp (O.K.) 'cut up' ox. Semi-ideo. or phon. stp in stp 'choose' and derivatives.	<i>stp</i>

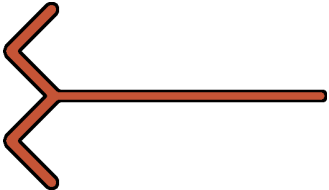
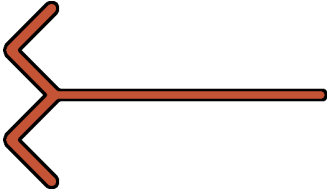



U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mnḥ</i>	U22	1		chisel Det. in mnx (O.K.) 'fashion', 'carve' and in mnx 'chisel'. Semi-ideo.mnx 'be efficient' and derivatives.	<i>mnḥ</i>
<i>ꜥb</i>	U23	1		chisel (?) Phon. mr as in mr 'be ill'. Phon. Ab as in Abi 'desire'.	<i>ꜥb</i>
<i>ḥmt</i>	U24	1		stone-worker's drill weighted at the top with stones Ideo. in Hmt 'craft', 'art' and related words.	<i>ḥmt</i>
	U25	2		ston-worker's drill weighted at the top with stones O.K. form of U24. Use as U24.	<i>ḥmt</i>
<i>wbꜣ</i>	U26	1		drill being used to bore a hole in a bead Ideo. in wbA 'open up' and derivatives.	<i>wbꜣ</i>




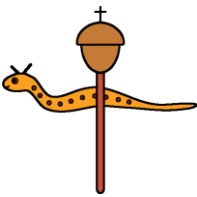

U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>d̲z</i>	U28	1		fire-drill Cf. DA 'fire-drill'. Phon. DA as in DAI 'ferry across'. Abbrev. for wDA in formula. Phon. D in group writing.	<i>d̲z</i>
	U29	4		fire-drill O.K. form of U28. Use as U28.	<i>d̲z</i>
<i>t̲z</i>	U30	7		potter's kiln Ideo. in tA (O.K.) 'kiln'. Phon. tA as in tA 'be hot', StA 'mysterious', 'difficult'.	<i>t̲z</i>
<i>rt̲h</i>	U31	1		instrument employed in baking Ideo. or det. in rtHty 'baker'. Det. in related words as rtH 'restrain'. Ideo. or det. in xn(r)i 'restrain', xnrt 'harim'.	<i>hnr, rt̲hti, rt̲h, hni</i>
<i>rt̲hti</i>	U31	1		instrument employed in baking Ideo. or det. in rtHty 'baker'. Det. in related words as rtH 'restrain'. Ideo. or det. in xn(r)i 'restrain', xnrt 'harim'.	<i>hnr, rt̲hti, rt̲h, hni</i>

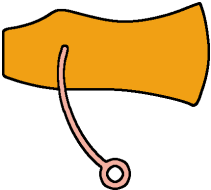

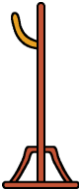
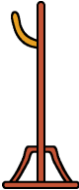
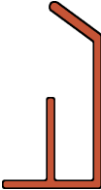
U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥnʾ</i>	U31	1		instrument employed in baking Ideo. or det. in rtHty 'baker'. Det. in related words as rtH 'restrain'. Ideo. or det. in xn(r)i 'restrain', xnrt 'harim'.	<i>ḥnr, rtḥtʾ, rtḥ, ḥnʾ</i>
<i>ḥnr</i>	U31	1		instrument employed in baking Ideo. or det. in rtHty 'baker'. Det. in related words as rtH 'restrain'. Ideo. or det. in xn(r)i 'restrain', xnrt 'harim'.	<i>ḥnr, rtḥtʾ, rtḥ, ḥnʾ</i>
<i>smn</i>	U32	1		pestle and mortar Det. of sHm 'pound', smn 'press down'. Phon. or phon.det. smn as in Hsmn 'natron'. Det. pound, also in HmAt 'salt', heavy in dns 'heavy'.	<i>smn, zmn, dns</i>
<i>dns</i>	U32	1		pestle and mortar Det. of sHm 'pound', smn 'press down'. Phon. or phon.det. smn as in Hsmn 'natron'. Det. pound, also in HmAt 'salt', heavy in dns 'heavy'.	<i>smn, zmn, dns</i>
<i>zmn</i>	U32	1		pestle and mortar Det. of sHm 'pound', smn 'press down'. Phon. or phon.det. smn as in Hsmn 'natron'. Det. pound, also in HmAt 'salt', heavy in dns 'heavy'.	<i>smn, zmn, dns</i>

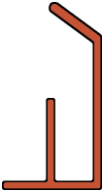
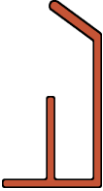
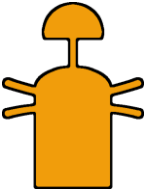
U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ti</i>	U33	1		pestle Ideo. in tit 'pestle'. Phon. ti and more rarely, phon. t beside H or in group writing.	<i>tìt, tì</i>
<i>tìt</i>	U33	3		pestle Ideo. in tit 'pestle'. Phon. ti and more rarely, phon. t beside H or in group writing.	<i>tìt, tì</i>
<i>hsf</i>	U34	1		spindle Ideo. in xsf 'spin'. Semi-ideo. or phon. xsf in xsf 'repel', 'oppose' and derivatives.	<i>hsf</i>
	U35	2		combination of U34 and I9 Use as U34	<i>hsf</i>
<i>hm</i>	U36	1		club used by fullers in washing Ideo. in Hmww 'fuller'. Phon. Hm 'slave' and related words.	<i>hm</i>


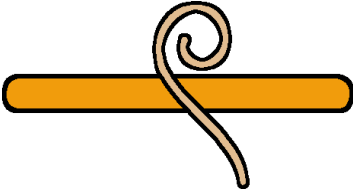
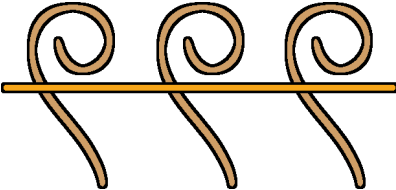
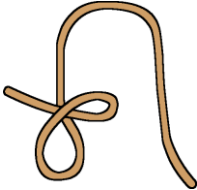

U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥꜥḳ</i>	U37	1		razor Det. in Xaq.	<i>ḥꜥḳ</i>
<i>mḥꜣt</i>	U38	1		balance Ideo. or det. in mxAt 'balance'.	<i>mḥꜣt</i>
<i>wṯs</i>	U39	1		post of balance Det. in wTst 'post of balance' and in wTs 'lift', 'carry', 'wear'. Det. in Tsi 'raise', 'lift'.	<i>wṯs, ṯs</i>
<i>ṯs</i>	U39	2		post of balance Det. in wTst 'post of balance' and in wTs 'lift', 'carry', 'wear'. Det. in Tsi 'raise', 'lift'.	<i>wṯs, ṯs</i>
<i>wṯs</i>	U40	2		semi-hieratic form of U39 Use as U39. Also used for T13 (similarity in hieratic).	<i>ṯs, rs, wṯs</i>

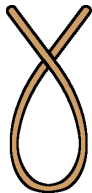
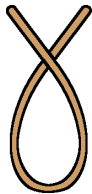
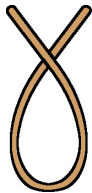


U - Agriculture, Crafts, and Profession

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>rs</i>	U40	4		semi-hieratic form of U39 Use as U39. Also used for T13 (similarity in hieratic).	<i><u>ts</u>, rs, w<u>ts</u></i>
<i><u>ts</u></i>	U40	3		semi-hieratic form of U39 Use as U39. Also used for T13 (similarity in hieratic).	<i><u>ts</u>, rs, w<u>ts</u></i>
<i>th</i>	U41	1		plummet (of balance) Det. in tx 'plummet'.	<i>th</i>

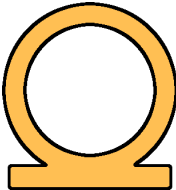
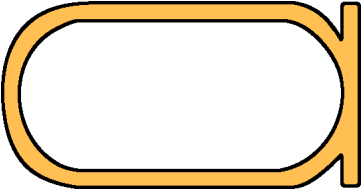
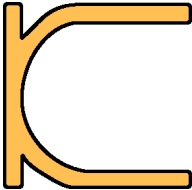
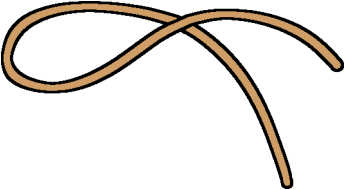
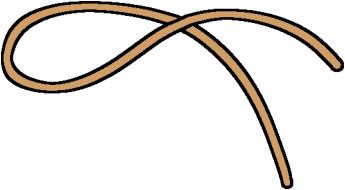
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>št</i>	V1	1		coil of rope Det. rope as in nwH, actions with rope or cord as in itH 'drag', Sni 'encircle'. Phon. or phon.det. Sn as in Snw 'network', Snt 'dispute'. Possibly related to St (Snt ?) 'hundred'.	<i>št</i>
<i>st̲3</i>	V2	1		combination of V1 and O34 (the cord is used for drawing the bolt) Ideo. in sTA (later stA). Phon. sTA. Det. in As 'hasten'.	<i>st̲3</i>
<i>st̲3w</i>	V3	1		combination of three V1 and bolt O34 Phon. sTAw in R-sTAw 'necropolis' (of the Memphitic god Sokar).	<i>st̲3w</i>
<i>w3</i>	V4	1		lasso In wAw 'lassoes'. Phon. wA.	<i>w3</i>
<i>snt̲</i>	V5	1		looped rope Det. in snT 'plan', 'plot out', 'found'.	<i>snt̲</i>

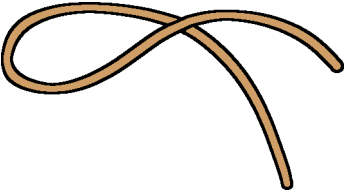
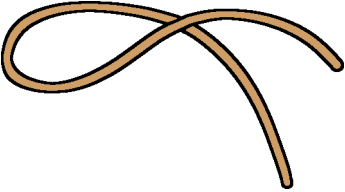
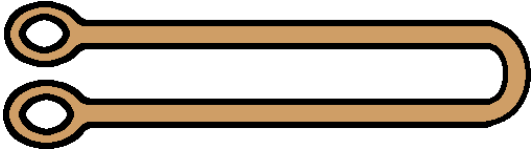
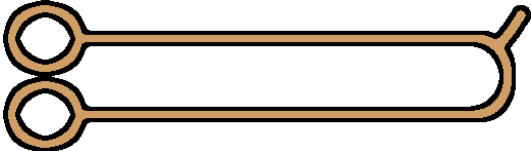
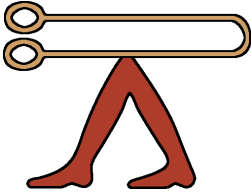
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
šs	V6	1		cord Ideo. or semi-ideo. or det. in Ss 'cord', 'rope'. Phon. Ss as in Ss 'alabaster'. Much confusion with V33 !.	šs, g, šsr
šsr	V6	1		cord Ideo. or semi-ideo. or det. in Ss 'cord', 'rope'. Phon. Ss as in Ss 'alabaster'. Much confusion with V33 !.	šs, g, šsr
g	V6	3		cord Ideo. or semi-ideo. or det. in Ss 'cord', 'rope'. Phon. Ss as in Ss 'alabaster'. Much confusion with V33 !.	šs, g, šsr
šn	V7	1		loop of cord with the ends downward In Sni 'encircle'. Phon. Sn.	šn
	V8	2		alternative form of V7. Use as V7.	šn

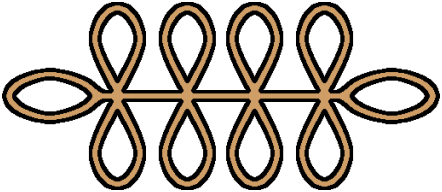
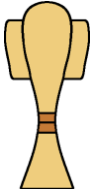

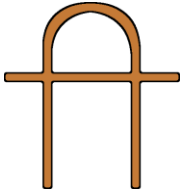
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šnw</i>	V9	1		cartouche (original round form) Det. in Snw 'cartouche'.	<i>šnw</i>
	V10	2		cartouche (secondary ovale form) Det. in Snw 'circuit'. Also in names of kings and other royal personages (the component signs are written inside it).	<i>šnw</i>
<i>dni</i>	V11	1		reversed half cartouche V10 Det. in dni 'dam off', 'restrain'.	<i>dni</i>
<i>rk</i>	V12	1		band of string or linen Det. bind as in sSd 'head-band', anx 'garland', fx 'loose'. Det. papyrus-books as in Sfdw 'papyrus'. Phon. or phon.det. arqas in arq 'swear'.	<i>rk</i> , <i>šfdw</i> , g, <i>fb</i>
<i>fb</i>	V12	1		band of string or linen Det. bind as in sSd 'head-band', anx 'garland', fx 'loose'. Det. papyrus-books as in Sfdw 'papyrus'. Phon. or phon.det. arqas in arq 'swear'.	<i>rk</i> , <i>šfdw</i> , g, <i>fb</i>

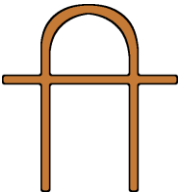
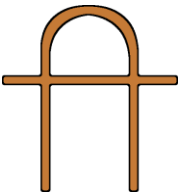
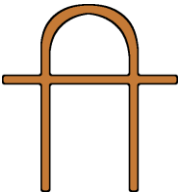
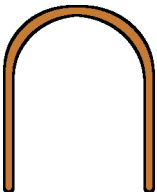
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šfdw</i>	V12	1		band of string or linen Det. bind as in sSd 'head-band', anx 'garland', fx 'loose'. Det. papyrus-books as in Sfdw 'papyrus'. Phon. or phon.det. arqas in arq 'swear'.	<i>rk, šfdw, g, fh</i>
<i>g</i>	V12	2		band of string or linen Det. bind as in sSd 'head-band', anx 'garland', fx 'loose'. Det. papyrus-books as in Sfdw 'papyrus'. Phon. or phon.det. arqas in arq 'swear'.	<i>rk, šfdw, g, fh</i>
<i>t</i>	V13	1		rope for tethering animals In TTt 'fetterer' (?). Phon. T. Sometimes t.	<i>t</i>
	V14	2		V13 with an added diacritical tick Phon. T, only in few words (those in which T had not changed in t ?)	<i>t</i>
<i>iti</i>	V15	1		combination of V13 and D54 In iTi, iti 'seize'.	<i>iti</i>

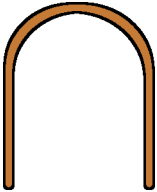
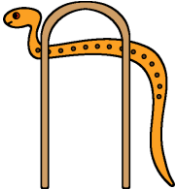
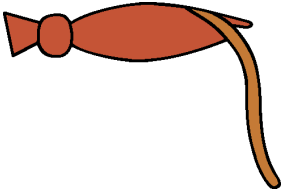
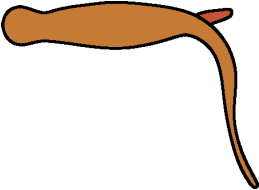

V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
s̓	V16	5		looped cord serving as hobble for cattle Ideo. in sA (O.K.) 'hobble'. Phon. sA.	s̓
	V17	6		rolled up herdsman's shelter of papyrus Ideo. in sA 'protection'.	s̓
	V18	7		rolled up herdsman's shelter of papyrus O.K. form of V17. Use as V17.	s̓
md̓t	V19	1		hobble for cattle Ideo. or det. in mD̓t 'stable', 'cattle-stall'. Det. in tmA 'mat'. Phon. or phon.det. TmA, tmA. Det. in XAr ('sack' (measure of capacity) and in wickerwork objects. To be distinguished from Aa19 !	<i>h̓3r, md̓t, tm̓3, tm̓3</i>






V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥꜣr</i>	V19	1		hobble for cattle Ideo. or det. in mDt 'stable', 'cattle-stall'. Det. in tmA 'mat'. Phon. or phon.det. TmA, tmA. Det. in XAr ('sack' (measure of capacity) and in wickerwork objects. To be distinguished from Aa19 !	<i>ḥꜣr, mḏt, tmꜣ, ṯmꜣ</i>
<i>tmꜣ</i>	V19	1		hobble for cattle Ideo. or det. in mDt 'stable', 'cattle-stall'. Det. in tmA 'mat'. Phon. or phon.det. TmA, tmA. Det. in XAr ('sack' (measure of capacity) and in wickerwork objects. To be distinguished from Aa19 !	<i>ḥꜣr, mḏt, tmꜣ, ṯmꜣ</i>
<i>ṯmꜣ</i>	V19	1		hobble for cattle Ideo. or det. in mDt 'stable', 'cattle-stall'. Det. in tmA 'mat'. Phon. or phon.det. TmA, tmA. Det. in XAr ('sack' (measure of capacity) and in wickerwork objects. To be distinguished from Aa19 !	<i>ḥꜣr, mḏt, tmꜣ, ṯmꜣ</i>
<i>mḏ</i>	V20	1		As V19 without the cross-bar In mDwt 'stables'. Phon. mD.	<i>mḏw, mḏ</i>

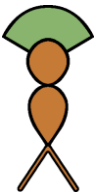
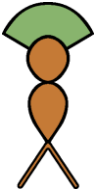
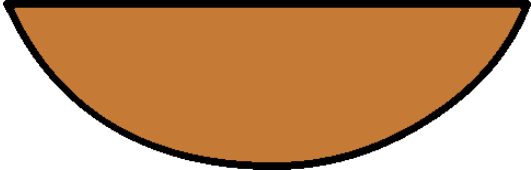
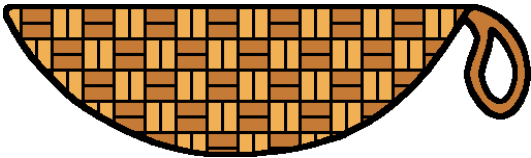
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mdw</i>	V20	1		As V19 without the cross-bar In mDwt 'stables'. Phon. mD.	<i>mdw, md</i>
<i>md</i>	V21	2		combination of V20 and I10 Ideo. in mDtPhon. mD	<i>md</i>
<i>mh</i>	V22	1		whip Phon. mH.	<i>mh</i>
	V23	2		whip (O.K. form of V22) Use as V22.	<i>mh</i>
<i>wd</i>	V24	1		cord wound on stick Phon. wD as in wDH 'table of offerings'.	<i>wd</i>

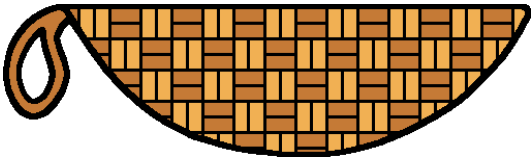
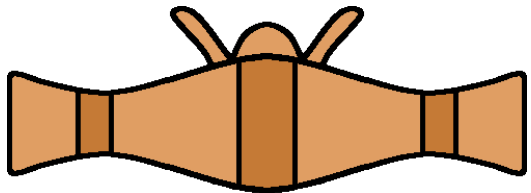
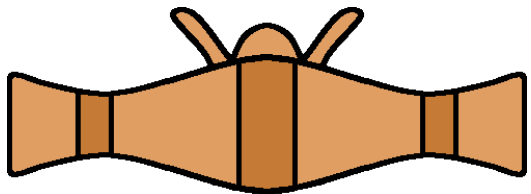
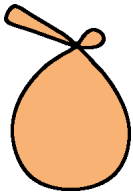
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	V25	2		cord wound on stick Alternative form of V24 (from Dyn. XVIII). Use as V24.	<i>w<u>d</u></i>
<i>ꜥd</i>	V26	2		netting needle filled with twine Ideo. in aD (later ad) 'spool', 'reel'. Phon. or phon.det. aD (later ad) as in manDt 'the morning-bark' of the sun-god.	<i>ꜥ<u>d</u>, ꜥd</i>
<i>ꜥ<u>d</u></i>	V26	1		netting needle filled with twine Ideo. in aD (later ad) 'spool', 'reel'. Phon. or phon.det. aD (later ad) as in manDt 'the morning-bark' of the sun-god.	<i>ꜥ<u>d</u>, ꜥd</i>
	V27	3		netting needle (O.K. form of V26) Use as V26.	<i>ꜥ<u>d</u></i>
<i>ḥ</i>	V28	1		wick of twisted flax Cf. Hat 'wick'. Phon. H.	<i>ḥ</i>

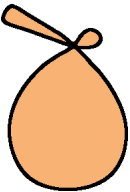
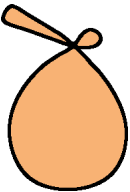


V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
w3ḥ	V29	1		swab made from a hank of fibre Det. in sq 'wipe' (O.K.). Phon. sq as in sqi 'perish'. Phon. or phon.det. wAH (reason ?) as in wAH 'place', 'endure'. Det. in xsr 'ward off'.	sk, w3ḥ
sk	V29	1		swab made from a hank of fibre Det. in sq 'wipe' (O.K.). Phon. sq as in sqi 'perish'. Phon. or phon.det. wAH (reason ?) as in wAH 'place', 'endure'. Det. in xsr 'ward off'.	sk, w3ḥ
nb	V30	1		wickerwork basket Ideo. in nbt 'basket'. Phon. nb as in nb 'seigneur' and nb 'every', 'all'.	nb
k	V31	1		wickerwork basket with handle Phon.k (reason ?).	k


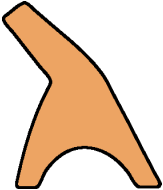
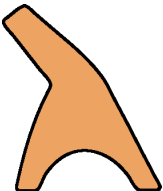
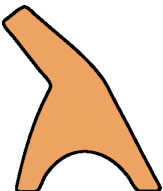
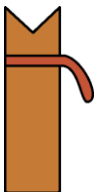
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
	V31A	2		Not in the original Gardiner list ... under investigation	<i>k</i>
<i>msn</i>	V32	1		wickerwork frail Det. in msnw 'harpooner'. Phon. msn. Possibly det. in gAw 'bundles', 'tribute'. Phon. det. gAw in gAw 'be narrow' and related words.	<i>msn, g3w</i>
<i>g3w</i>	V32	1		wickerwork frail Det. in msnw 'harpooner'. Phon. msn. Possibly det. in gAw 'bundles', 'tribute'. Phon. det. gAw in gAw 'be narrow' and related words.	<i>msn, g3w</i>
<i>sšr</i>	V33	1		bag of linen Ideo. or det. in sSr 'linen', 'cloth'. Phon.sSr as in sSr 'thing', 'concern'. Phon. g in few words as in Gbtyw 'Coptos' (town in Upper Egypt). Det. tie up in arf 'tie up', 'pack', 'envelop' and also perfume as in sty 'perfume' (kept in bags of linen).	<i>g, sšr, šš</i>

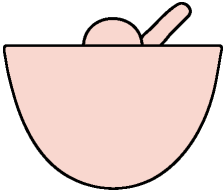


V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
šš	V33	2		bag of linen Ideo. or det. in sSr 'linen', 'cloth'. Phon.sSr as in sSr 'thing', 'concern'. Phon. g in few words as in Gbtyw 'Coptos' (town in Upper Egypt). Det. tie up in arf 'tie up', 'pack', 'envelop' and also perfume as in sty 'perfume' (kept in bags of linen).	g, ššr, šš
g	V33	4		bag of linen Ideo. or det. in sSr 'linen', 'cloth'. Phon.sSr as in sSr 'thing', 'concern'. Phon. g in few words as in Gbtyw 'Coptos' (town in Upper Egypt). Det. tie up in arf 'tie up', 'pack', 'envelop' and also perfume as in sty 'perfume' (kept in bags of linen).	g, ššr, šš
šr	V34	2		bag of linen (alternative form of V33)[N.K.] Use as V33.	šš, g, ššr
šš	V34	3		bag of linen (alternative form of V33)[N.K.] Use as V33.	šš, g, ššr


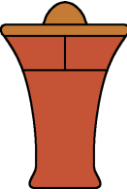
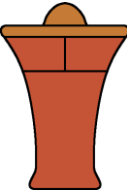
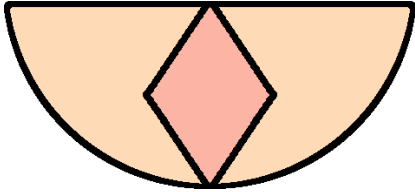
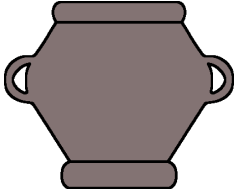
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
g	V34	5		bag of linen (alternative form of V33)[N.K.] Use as V33.	šš, g, ššr
ššr	V35	3		bag of linen (alternative form of V33)[O.K.] Use as V33.	ššr, g, šš
šš	V35	4		bag of linen (alternative form of V33)[O.K.] Use as V33.	ššr, g, šš
g	V35	6		bag of linen (alternative form of V33)[O.K.] Use as V33.	ššr, g, šš
ḥn	V36	3		receptacle of some kind Det. in Hn 'receptacle' (name of a receptacle given to a temple). Phon. or phon.det. Hn as in Hnty 'period', 'end'.	ḥn

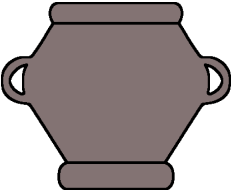
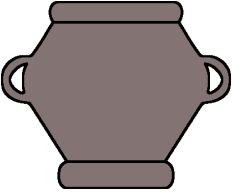
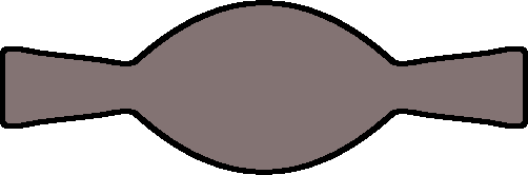
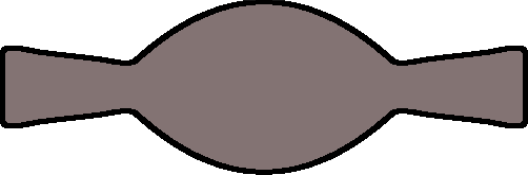
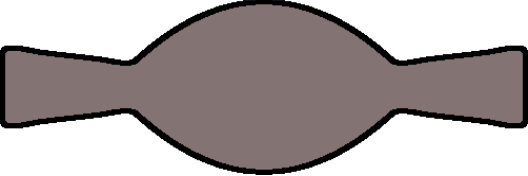
V - Rope, Fibre, Baskets, Bags, etc.

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>idr</i>	V37	1		bandage (?) Det. in idr 'bandage', 'bind'. Phon. or phon.det. idr as in idr 'herd'.	<i>idr</i>
<i>tʾt</i>	V39	1		tie or straps with a different arrangement of the same elements as S34 Ideo. in tit 'the tyet-amulet'.	<i>tʾt</i>
<i>šn</i>	V49A	3		Not in the original Gardiner list ... under investigation	<i>šn</i>

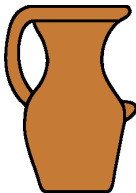
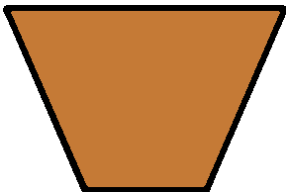
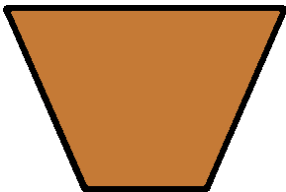
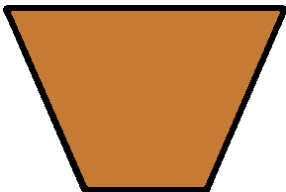
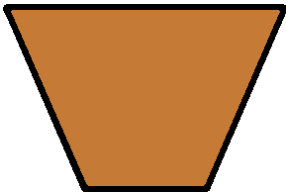
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>mrḥt</i>	W1	1		sealed oil-jar Det. oil, unguent as in mrHt 'unguent', mDt 'ointment'.	<i>mrḥt</i>
<i>ḳb</i>	W2	2		sealed oil-jar (like W1 but not tied ends) Det. in bAs 'jar'. Phon. bAs as in BAstt 'Bastet' (the cat-goddess).	<i>ḳb, b3s</i>
<i>b3s</i>	W2	1		sealed oil-jar (like W1 but not tied ends) Det. in bAs 'jar'. Phon. bAs as in BAstt 'Bastet' (the cat-goddess).	<i>ḳb, b3s</i>
<i>ḥb</i>	W3	1		basin of alabaster as used in purifications Det. in Ss (O.K.) 'alabaster'. Det. in Hb 'feast' (in account of purifications ?). Semi-ideo. or phon. Hbas in Hb 'mourn'. Abbrev. of Hbt 'ritual book'.	<i>ḥb</i>
<i>3b</i>	W7	4		granite bowl Det. in mAt 'red granite'. Phon.det. mAT as in mAT 'proclaim'. Det. in Abw 'Elephantine' (source of the red granite). Phon.det. Ab as in Abt 'family'.	<i>m3t, 3b, m3t̄</i>

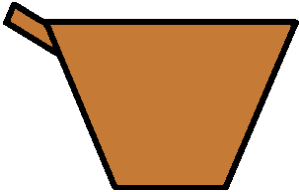
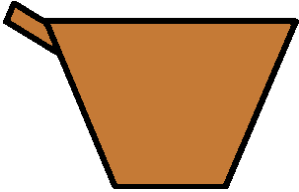
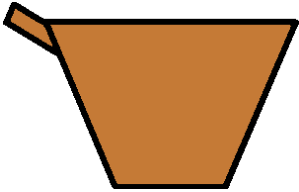
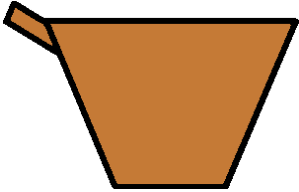
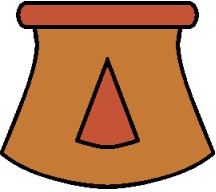
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m3t</i>	W7	1		granite bowl Det. in mAt 'red granite'. Phon.det. mAT as in mAT 'proclaim'. Det. in Abw 'Elephantine' (source of the red granite). Phon.det. Ab as in Abt 'family'.	<i>m3t, 3b, m3t̅</i>
<i>m3t̅</i>	W7	1		granite bowl Det. in mAt 'red granite'. Phon.det. mAT as in mAT 'proclaim'. Det. in Abw 'Elephantine' (source of the red granite). Phon.det. Ab as in Abt 'family'.	<i>m3t, 3b, m3t̅</i>
<i>3b</i>	W8	5		deformation of W7 In Abw 'Elephantine' and Abt 'family'.	<i>3b, m3t, m3t̅</i>
<i>m3t</i>	W8	2		deformation of W7 In Abw 'Elephantine' and Abt 'family'.	<i>3b, m3t, m3t̅</i>
<i>m3t̅</i>	W8	2		deformation of W7 In Abw 'Elephantine' and Abt 'family'.	<i>3b, m3t, m3t̅</i>

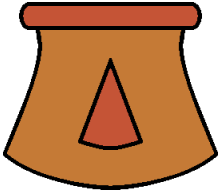
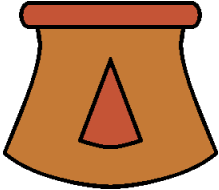
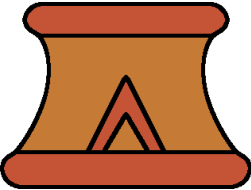
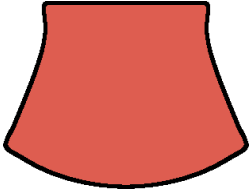
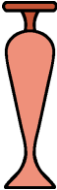
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥnm</i>	W9	1		stone jug with handle Det. in nXnm 'the nXnm-vase (with its specific oil). Phon. nXnm.	<i>ḥnm</i>
<i>ꜥb</i>	W10	1		cup Det. in iab, wsx, Hnt, a 'cup'. Phon. or phon.det. iab, wsx, Hnt.	<i>ꜥb, ꜥb, shw, wsh</i>
<i>ꜥb</i>	W10	3		cup Det. in iab, wsx, Hnt, a 'cup'. Phon. or phon.det. iab, wsx, Hnt.	<i>ꜥb, ꜥb, shw, wsh</i>
<i>wsh</i>	W10	2		cup Det. in iab, wsx, Hnt, a 'cup'. Phon. or phon.det. iab, wsx, Hnt.	<i>ꜥb, ꜥb, shw, wsh</i>
<i>shw</i>	W10	1		cup Det. in iab, wsx, Hnt, a 'cup'. Phon. or phon.det. iab, wsx, Hnt.	<i>ꜥb, ꜥb, shw, wsh</i>

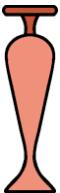
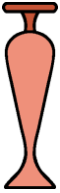
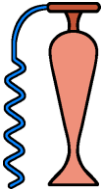
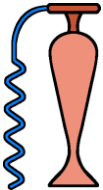

W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>icb</i>	W10A	2		pot perhaps used also as lamp Phon. bA.	<i>shw, wsh, cb, icb</i>
<i>cb</i>	W10A	4		pot perhaps used also as lamp Phon. bA.	<i>shw, wsh, cb, icb</i>
<i>wsh</i>	W10A	3		pot perhaps used also as lamp Phon. bA.	<i>shw, wsh, cb, icb</i>
<i>shw</i>	W10A	2		pot perhaps used also as lamp Phon. bA.	<i>shw, wsh, cb, icb</i>
<i>nst</i>	W11	1		ring-stand for jars Ideo. or det. in nst 'seat'. Ideo. or det. in dSrt 'red pot'. Phon. g.	<i>g, nst, nzt</i>


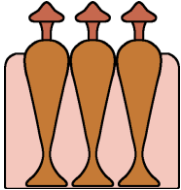
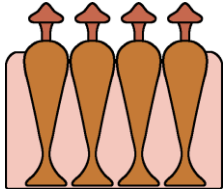
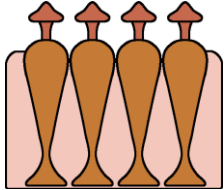
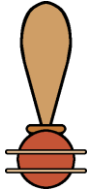
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>nzt</i>	W11	1		ring-stand for jars Ideo. or det. in nst 'seat'. Ideo. or det. in dSrt 'red pot'. Phon. g.	<i>g, nst, nzt</i>
<i>g</i>	W11	1		ring-stand for jars Ideo. or det. in nst 'seat'. Ideo. or det. in dSrt 'red pot'. Phon. g.	<i>g, nst, nzt</i>
<i>nst</i>	W12	2		ring-stand (O.K.) Use as W11.	<i>nst</i>
<i>dšrt</i>	W13	2		red earthenware pot (O.K.) Use as W11 (O.K.).	<i>dšrt</i>
<i>ḥs</i>	W14	1		tall water-pot Ideo. or det. in Hst 'water-pot'. Phon. Hs as in Hsi 'praise'. Det. in snb(t) 'jar'.	<i>ḥs, ḥz, ḥz</i>


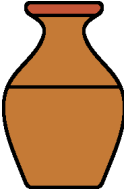


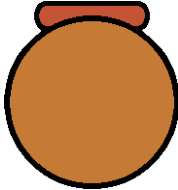
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ḥz	W14	1		tall water-pot Ideo. or det. in Hst 'water-pot'. Phon. Hs as in Hsi 'praise'. Det. in snb(t) 'jar'.	ḥs, ḥz, ḥz
	W14	1		tall water-pot Ideo. or det. in Hst 'water-pot'. Phon. Hs as in Hsi 'praise'. Det. in snb(t) 'jar'.	ḥs, ḥz, ḥz
ḳbb	W15	1		water-pot with water pouring from it Det. in qbb 'be cool' and derivated words and in qbH 'libate'.	ḳbbḥ, ḳbb
ḳbbḥ	W15	2		water-pot with water pouring from it Det. in qbb 'be cool' and derivated words and in qbH 'libate'.	ḳbbḥ, ḳbb
ḳbb	W16	2		W15 in a ring-stand W12 Ideo. or det. in qbHw 'libation' and related words.	ḳbbḥ, ḳbb

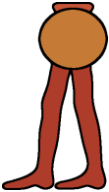
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḳbb</i>	W16	1		W15 in a ring-stand W12 Ideo. or det. in qbHw 'libation' and related words.	<i>ḳbb, ḳbb</i>
<i>ḥnt</i>	W17	1		water-pots (3) in a rack Ideo. in xntw 'racks for water-pots'. Phon. xnt as in xnt 'in front of'.	<i>ḥnt</i>
	W18	2		water-pots (4) in a rack (O.K. form of W17) Use as W17.	<i>ḥnty, ḥnt</i>
<i>ḥnty</i>	W18	1		water-pots (4) in a rack (O.K. form of W17) Use as W17.	<i>ḥnty, ḥnt</i>
<i>mṯ</i>	W19	1		milk)jug in a net Det. in mhr 'milk-jug'. Phon. mr, mi.	<i>mṯ</i>


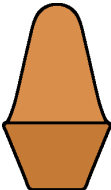
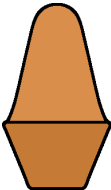
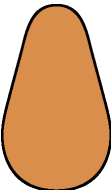
W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>irtt</i>	W20	1		milk-jug with a leaf covering the milk Det. in irtt 'milk'.	<i>irtt</i>
<i>hnkt</i>	W22	1		beer-jug Ideo. or det. in Hnqt 'beer'. Det. pot, measure as in qrHt 'vessel', offerings as in inw 'tribute', notions connected with fluids as in txi 'be drunken'.	<i>hnkt</i>
<i>hbt</i>	W23	1		jar with handles Use as W22 (not specially in connection with beer).	<i>hbt, knht</i>
<i>knht</i>	W23	1		jar with handles Use as W22 (not specially in connection with beer).	<i>hbt, knht</i>
<i>nw</i>	W24	1		bowl Phon. nw as in Nwt 'the goddess Nout' Phon. in as in ink 'I'. Phon.qd (from M.K.) as in qd 'form',	<i>nw</i>

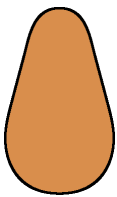
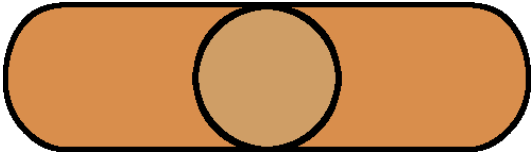
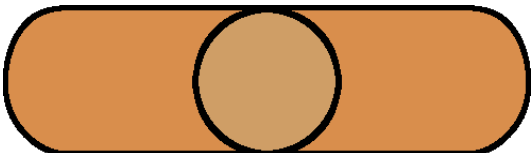
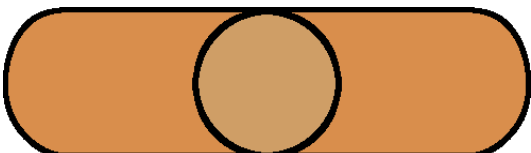

W - Vessels of Stone and Earthenware

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ini</i>	W25	1		combination of W24 and D54 In ini 'bring', 'fetch'.	<i>ini</i>


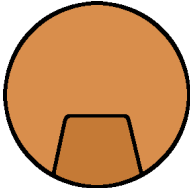
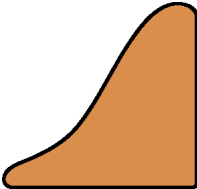
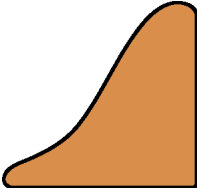
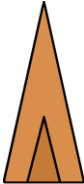
X - Loaves and Cakes

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>t</i>	X1	1		bread Ideo. (or semi-phon. t) in t 'bread'. Phon. t as in it-nTr 'god's father' (class of elder priests).	<i>t</i>
<i>it</i>	X2	5		loaf Det. bread. Combination of X2 and W22 (bread and beer)occur as generic det. food as in prt-xrw 'invocation offerings'. Sometimes substituted for +Hwty 'Thot' (superstitious reasons). Sometimes in it-nTr 'god's father' (priest title) [N.K.]	<i>dh̥wty, it</i>
<i>dh̥wty</i>	X2	4		loaf Det. bread. Combination of X2 and W22 (bread and beer)occur as generic det. food as in prt-xrw 'invocation offerings'. Sometimes substituted for +Hwty 'Thot' (superstitious reasons). Sometimes in it-nTr 'god's father' (priest title) [N.K.]	<i>dh̥wty, it</i>
<i>it</i>	X3	6		loaf Alternative form of X2. Use as X2.	<i>it, dh̥wty</i>

X - Loaves and Cakes

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḏḥwty</i>	X3	5		loaf Alternative form of X2. Use as X2.	<i>it, ḏḥwty</i>
<i>sn</i>	X4	3		roll of bread Det. bread, food as in snw 'food offerings', fqA 'cake'. Phon.det. sn as in sni 'pass by' and also fqA as in fqA 'reward'. Sometimes det. in place of W3.	<i>snw, sn, zn</i>
<i>snw</i>	X4	3		roll of bread Det. bread, food as in snw 'food offerings', fqA 'cake'. Phon.det. sn as in sni 'pass by' and also fqA as in fqA 'reward'. Sometimes det. in place of W3.	<i>snw, sn, zn</i>
<i>zn</i>	X4	1		roll of bread Det. bread, food as in snw 'food offerings', fqA 'cake'. Phon.det. sn as in sni 'pass by' and also fqA as in fqA 'reward'. Sometimes det. in place of W3.	<i>snw, sn, zn</i>
<i>sn</i>	X5	4		semi-hieratic form of X4 (roll of bread) Det. bread, food (in hieratic only).	<i>sn, sni</i>

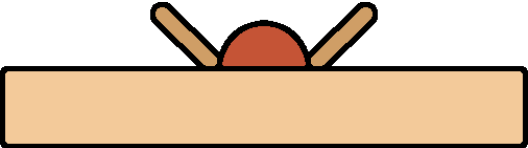
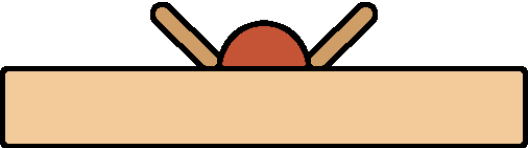
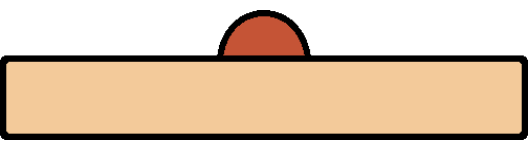
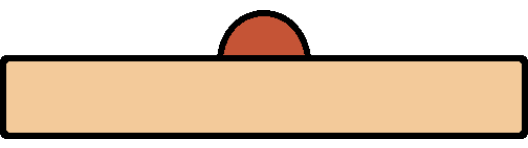
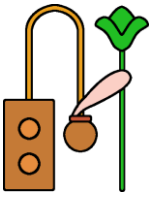
X - Loaves and Cakes

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>snỉ</i>	X5	1		semi-hieratic form of X4 (roll of bread) Det. bread, food (in hieratic only).	<i>sn, snỉ</i>
<i>pꜣt</i>	X6	1		round loaf bearing mark of the baker's fingers Det. in pAt 'loaf'. Phon.det. in pAt 'antiquity', 'primeval times' and related words.	<i>pꜣt</i>
<i>snw</i>	X7	4		half-loaf of bread Ideo. or det. food as in wnm 'eat'. After O.K., becomes indistinguishable from N29. Exceptionally, det. in snw 'food-offerings'.	<i>snw, gsw</i>
<i>gsw</i>	X7	1		half-loaf of bread Ideo. or det. food as in wnm 'eat'. After O.K., becomes indistinguishable from N29. Exceptionally, det. in snw 'food-offerings'.	<i>snw, gsw</i>
<i>rdỉ</i>	X8	2		conical loaf Ideo. give in rdi, di 'give'.	<i>d, rdi, dỉ</i>

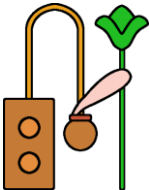
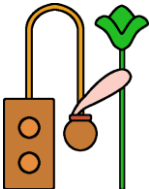
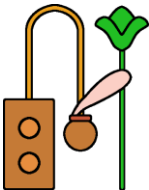
X - Loaves and Cakes

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>d</i>	X8	4		conical loaf Ideo. give in rdi, di 'give'.	<i>d, rdi, di</i>
<i>di</i>	X8	1		conical loaf Ideo. give in rdi, di 'give'.	<i>d, rdi, di</i>

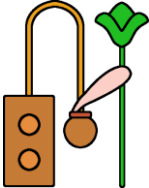
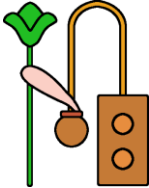
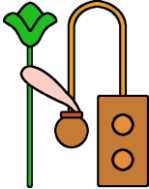
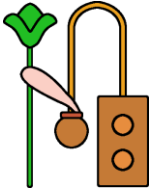
Y - Writings, Games, Music

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>md̲ꜣt</i>	Y1	1		papyrus rolled up, tied and sealed Ideo. in mDAṯ 'papyrus-roll', 'book'. Phon. mDAṯ. Det. writing and things written as in sS 'write' and abstract notions as rx 'know'.	<i>md̲ꜣt, dmd̲</i>
<i>dmd̲</i>	Y1	2		papyrus rolled up, tied and sealed Ideo. in mDAṯ 'papyrus-roll', 'book'. Phon. mDAṯ. Det. writing and things written as in sS 'write' and abstract notions as rx 'know'.	<i>md̲ꜣt, dmd̲</i>
<i>md̲ꜣt</i>	Y2	2		papyrus rolled up (O.K. form of Y1) Use as Y1.	<i>dmd̲, md̲ꜣt</i>
<i>dmd̲</i>	Y2	3		papyrus rolled up (O.K. form of Y1) Use as Y1.	<i>dmd̲, md̲ꜣt</i>
<i>mnhd</i>	Y3	1		scribe's outfit (palette, bag for the powdered pigments and reed-holder) Ideo. or det. in mnhd 'sceibe's outfit' and in sSw 'writings' and related words. Det. in naa 'smooth' (because pigments were ground fine	<i>sš, ncc, mnhd, sncc, zš</i>

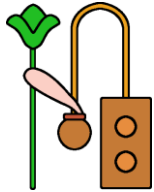
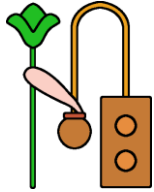
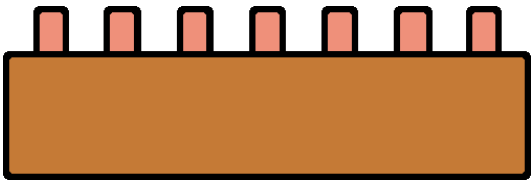
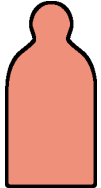

Y - Writings, Games, Music

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
				and smooth ?). Det. in Tms 'red' and derivatives.	
<i>ncc</i>	Y3	1		scribe's outfit (palette, bag for the powdered pigments and reed-holder) Ideo. or det. in mnhd 'sceibe's outfit' and in sSw 'writings' and related words. Det. in naa 'smooth' (because pigments were ground fine and smooth ?). Det. in Tms 'red' and derivatives.	<i>sš, ncc, mnhd, sncc, zš</i>
<i>sncc</i>	Y3	1		scribe's outfit (palette, bag for the powdered pigments and reed-holder) Ideo. or det. in mnhd 'sceibe's outfit' and in sSw 'writings' and related words. Det. in naa 'smooth' (because pigments were ground fine and smooth ?). Det. in Tms 'red' and derivatives.	<i>sš, ncc, mnhd, sncc, zš</i>
<i>sš</i>	Y3	1		scribe's outfit (palette, bag for the powdered pigments and reed-holder) Ideo. or det. in mnhd 'sceibe's outfit' and in sSw 'writings' and related words. Det. in naa 'smooth' (because pigments were ground fine and smooth ?). Det. in Tms 'red' and derivatives.	<i>sš, ncc, mnhd, sncc, zš</i>


Y - Writings, Games, Music

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
zš	Y3	1		scribe's outfit (palette, bag for the powdered pigments and reed-holder) Ideo. or det. in mnhd 'scribe's outfit' and in sSw 'writings' and related words. Det. in naa 'smooth' (because pigments were ground fine and smooth ?). Det. in Tms 'red' and derivatives.	sš, ncc, mnhd, sncc, zš
mnhd	Y4	2		scribe's outfit (rarer alternative form of Y3) Use as Y3.	ncc, mnhd, sš, zš, sncc
ncc	Y4	2		scribe's outfit (rarer alternative form of Y3) Use as Y3.	ncc, mnhd, sš, zš, sncc
sncc	Y4	2		scribe's outfit (rarer alternative form of Y3) Use as Y3.	ncc, mnhd, sš, zš, sncc

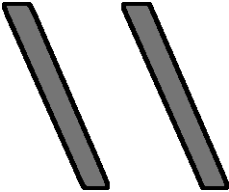
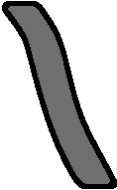
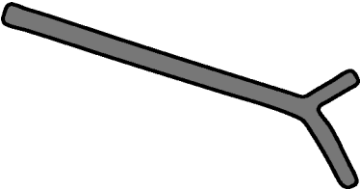


Y - Writings, Games, Music

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sš</i>	Y4	2		scribe's outfit (rarer alternative form of Y3) Use as Y3.	<i>ncc, mnhd, sš, zš, sncc</i>
<i>zš</i>	Y4	2		scribe's outfit (rarer alternative form of Y3) Use as Y3.	<i>ncc, mnhd, sš, zš, sncc</i>
<i>mn</i>	Y5	1		draught-board Phon. mn (reason ?) as in Imn 'the god Amun'.	<i>mn</i>
<i>ib₃</i>	Y6	1		draughtsman Ideo. or det. in ib(A) 'draughtsman'. Phon. ibA.	<i>ib₃</i>
<i>shm</i>	Y8	2		sistrum Ideo. or det. in sSSt 'sistrum'. Occasionally, phon. sxm (because sxm is a kind of sistrum).	<i>zššt, shm, sššt</i>






Y - Writings, Games, Music

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sṣsṭ</i>	Y8	1		sistrum Ideo. or det. in sSSt 'sistrum'. Occasionally, phon. sxm (because sxm is a kind of sistrum).	<i>ẓṣsṭ, sḥm, sṣsṭ</i>
<i>ẓṣsṭ</i>	Y8	1		sistrum Ideo. or det. in sSSt 'sistrum'. Occasionally, phon. sxm (because sxm is a kind of sistrum).	<i>ẓṣsṭ, sḥm, sṣsṭ</i>


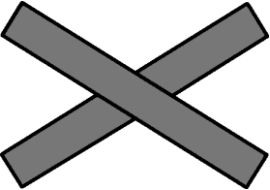
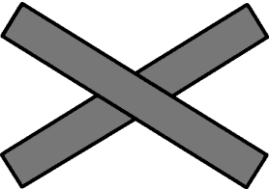
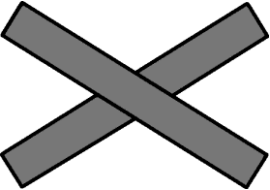
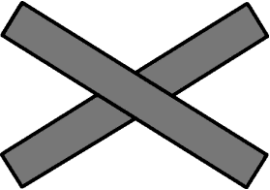
Z - Strokes and Geometrical Figures

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
y	Z4	1		two diagonal strokes Det. duality as in aw(i) 'the two arms'. Phon. y (interchangeable with M17 M17 (two flowering reed)).	y
ms	Z5	4		diagonal stroke Substitute for human figures considered magically dangerous. In M.E. hieratic, used to replace dets. that were difficult to draw and the same, but rare, in Dyn.XVIII hieroglyphics.	ms
mwt	Z6	5		hieratic substitute for A13 or A14 Det. death, enemy as in m(w)t 'die'. Barely distinguishable from F20 in hieroglyphic.	mwt
w	Z7	2		spiral (derived from the hieratic abbreviation of G43) Not to be confused with V1.	w, W
W	Z7	1		spiral (derived from the hieratic abbreviation of G43) Not to be confused with V1.	w, W

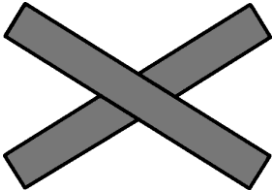
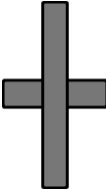
Z - Strokes and Geometrical Figures

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šnw</i>	Z8	3		Not in the original Gardiner list ... under investigation	<i>šnw</i>
<i>wp</i>	Z9	2		two sticks crossed Det. break as in HXi 'damage', divide as in wpi 'divide', actions involving something crossed or encountered. Phon. or semi-phon. swA, sD, xbs, xbsw, Sbn, wp, wr.	<i>sw₃, šbn, ḥbs, sd, wp</i>
<i>ḥbs</i>	Z9	1		two sticks crossed Det. break as in HXi 'damage', divide as in wpi 'divide', actions involving something crossed or encountered. Phon. or semi-phon. swA, sD, xbs, xbsw, Sbn, wp, wr.	<i>sw₃, šbn, ḥbs, sd, wp</i>
<i>sw₃</i>	Z9	1		two sticks crossed Det. break as in HXi 'damage', divide as in wpi 'divide', actions involving something crossed or encountered. Phon. or semi-phon. swA, sD, xbs, xbsw, Sbn, wp, wr.	<i>sw₃, šbn, ḥbs, sd, wp</i>
<i>sd</i>	Z9	1		two sticks crossed Det. break as in HXi 'damage', divide as in wpi 'divide', actions involving something crossed or encountered. Phon. or semi-phon. swA, sD, xbs, xbsw, Sbn, wp, wr.	<i>sw₃, šbn, ḥbs, sd, wp</i>

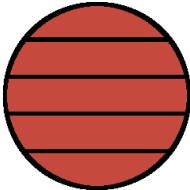
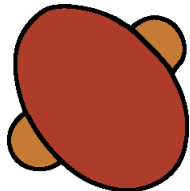
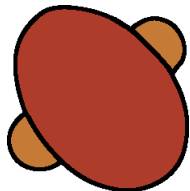
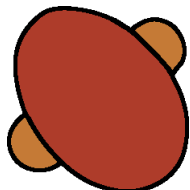
Z - Strokes and Geometrical Figures

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šbn</i>	Z9	1		two sticks crossed Det. break as in HXi 'damage', divide as in wpi 'divide', actions involving something crossed or encountered. Phon. or semi-phon. swA, sD, xbs, xbsw, Sbn, wp, wr.	<i>sw₃, šbn, ḥbs, sd, wp</i>
<i>wp</i>	Z10	3		two sticks crossed (O.K. form of Z9) Use as Z9.	<i>sw₃, sd, wp, ḥbs, šbn</i>
<i>ḥbs</i>	Z10	2		two sticks crossed (O.K. form of Z9) Use as Z9.	<i>sw₃, sd, wp, ḥbs, šbn</i>
<i>sw₃</i>	Z10	2		two sticks crossed (O.K. form of Z9) Use as Z9.	<i>sw₃, sd, wp, ḥbs, šbn</i>
<i>sd</i>	Z10	2		two sticks crossed (O.K. form of Z9) Use as Z9.	<i>sw₃, sd, wp, ḥbs, šbn</i>

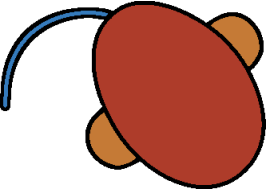
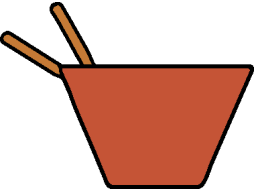
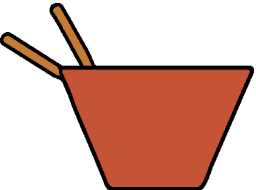
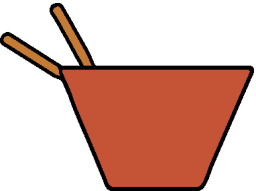
Z - Strokes and Geometrical Figures

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>šbn</i>	Z10	2		two sticks crossed (O.K. form of Z9) Use as Z9.	<i>swz, sd, wp, hbs, šbn</i>
<i>imi</i>	Z11	1		two planks crossed and joined Ideo. (?) in imy 'who is in' and derivatives. Phon. imi.	<i>imi</i>

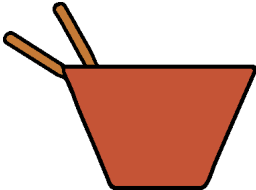

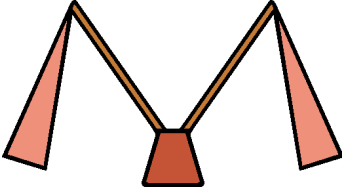
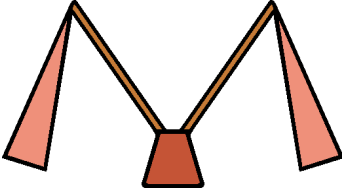

Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>ḥ</i>	Aa1	1		Human placenta ? Phon. x	<i>ḥ</i>
<i>ḥsb</i>	Aa2	1		Pustule or gland ? Det.bodily conditions (morbid) Phon. Xp Replaces a number of O.K. signs that have become obsolete: (V38) ideo. or det. in wt 'bandage';(F52 or N32) det. in Hs 'excrement'; (W6) ideo. or det. in wHAt 'cauldron'; (W7) det. in mAt 'granite': (V32) det. in gw prob. for gAwt 'bundles'.	<i>ḥpꜣw, g3, ḥsb</i>
<i>ḥpꜣw</i>	Aa2	1		Pustule or gland ? Det.bodily conditions (morbid) Phon. Xp Replaces a number of O.K. signs that have become obsolete: (V38) ideo. or det. in wt 'bandage';(F52 or N32) det. in Hs 'excrement'; (W6) ideo. or det. in wHAt 'cauldron'; (W7) det. in mAt 'granite': (V32) det. in gw prob. for gAwt 'bundles'.	<i>ḥpꜣw, g3, ḥsb</i>
<i>g3</i>	Aa2	1		Pustule or gland ? Det.bodily conditions (morbid) Phon. Xp Replaces a number of O.K. signs that have become obsolete: (V38) ideo. or det. in wt 'bandage';(F52 or N32)	<i>ḥpꜣw, g3, ḥsb</i>

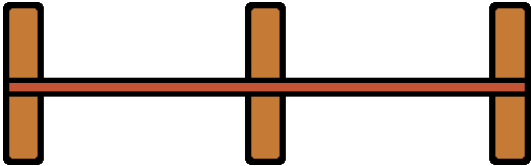
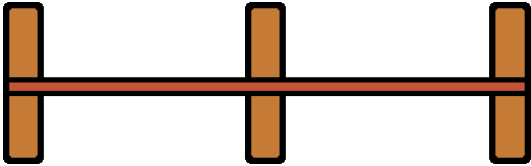
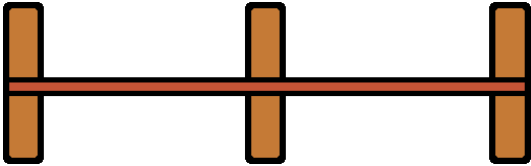


Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
				det. in Hs 'excrement'; (W6) ideo. or det. in wHAt 'cauldron'; (W7) det. in mAt 'granite': (V32) det. in gw prob. for gAwt 'bundles'.	
<i>ḥsb</i>	Aa3	2		Pustule or gland (?) with liquid issuing from it Det. (Rarer alternative of Aa2 in its medical or anatomical use when soft matter or a liquid is meant) Det. in sT 'odour'	<i>ḥsb</i>
<i>icb</i>	Aa4	3		Pot perhaps used also as lamp (O.K.) var. W10a	<i>icb, shw, wsh, cb</i>
<i>cb</i>	Aa4	5		Pot perhaps used also as lamp (O.K.) var. W10a	<i>icb, shw, wsh, cb</i>
<i>wsh</i>	Aa4	4		Pot perhaps used also as lamp (O.K.) var. W10a	<i>icb, shw, wsh, cb</i>



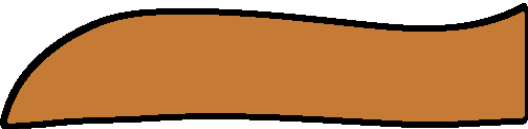

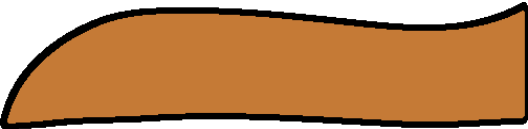
Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>shw</i>	Aa4	3		Pot perhaps used also as lamp (O.K.) var. W10a	<i>icb, shw, wsh, cb</i>
<i>hp</i>	Aa5	1		Part of the steering gear of ships ? Ideo. or det. in iTi Hpt 'take the Hpt, proceed by boat'. Phon. Hp	<i>hp</i>
<i>tm3</i>	Aa6	2		Doubtful Det. Phon.det. tmA (different from S23)	<i>tm3, tm3</i>
<i>tm3</i>	Aa6	2		Doubtful Det. Phon.det. tmA (different from S23)	<i>tm3, tm3</i>
<i>skr</i>	Aa7	1		Doubtful Det. Phon.det.sqr In Dyn. XVIII often reversed	<i>skr</i>



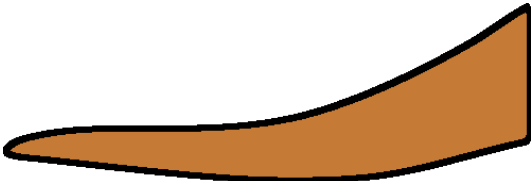
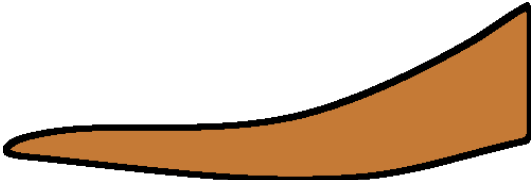

Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>kn</i>	Aa8	1		Irrigation runnels as in N24 ? Ideo. or det. in DAtt 'estate'. Phon. qn Found for other signs (N24, V26)	<i><u>d</u>3t, <u>d</u>3, <u>k</u>n</i>
<i><u>d</u>3</i>	Aa8	2		Irrigation runnels as in N24 ? Ideo. or det. in DAtt 'estate'. Phon. qn Found for other signs (N24, V26)	<i><u>d</u>3t, <u>d</u>3, <u>k</u>n</i>
<i><u>d</u>3t</i>	Aa8	1		Irrigation runnels as in N24 ? Ideo. or det. in DAtt 'estate'. Phon. qn Found for other signs (N24, V26)	<i><u>d</u>3t, <u>d</u>3, <u>k</u>n</i>
<i>hwd</i>	Aa9	1		Doubtful Det. in Det.in xwd 'rich'	<i>hwd</i>
<i>drf</i>	Aa10	1		Doubtful Det. in drf 'writing'	<i>drf</i>




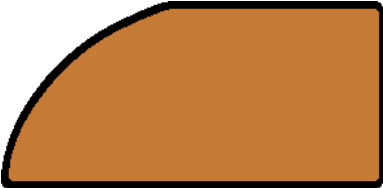
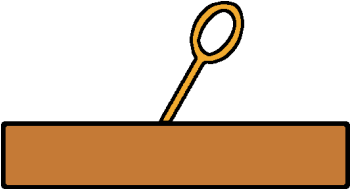
Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m3ʕ</i>	Aa11	1		Doubtful (sometimes vertically) Det. in Tntt 'raised platform'. Phon. mAa in mAat 'truth' and related words.	<i>m3ʕ</i>
	Aa12	2		Doubtful O.K. form of Aa11. as Aa11	<i>m3ʕ</i>
<i>im</i>	Aa13	1		Hardly the two ribs of an oryx has been suggested Ideo. or det. in O.K. im 'a part of the body' and gs 'side, half'. Phon. im, gs	<i>m, gs, im, M</i>
<i>m</i>	Aa13	6		Hardly the two ribs of an oryx has been suggested Ideo. or det. in O.K. im 'a part of the body' and gs 'side, half'. Phon. im, gs	<i>m, gs, im, M</i>
<i>M</i>	Aa13	2		Hardly the two ribs of an oryx has been suggested Ideo. or det. in O.K. im 'a part of the body' and gs 'side, half'. Phon. im, gs	<i>m, gs, im, M</i>

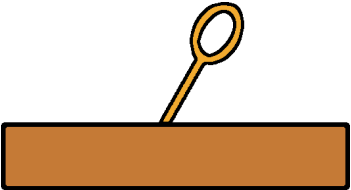
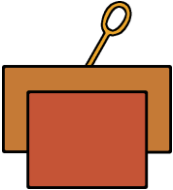
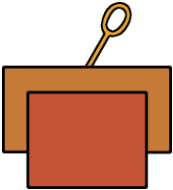
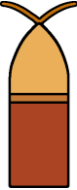

Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
gs	Aa13	1		Hardly the two ribs of an oryx has been suggested Ideo. or det. in O.K. im 'a part of the body' and gs 'side, half'. Phon. im, gs	<i>m, gs, im, M</i>
im	Aa14	2		Rib O.K. form of Aa13. as Aa13	<i>m, im, gs</i>
m	Aa14	7		Rib O.K. form of Aa13. as Aa13	<i>m, im, gs</i>
gs	Aa14	2		Rib O.K. form of Aa13. as Aa13	<i>m, im, gs</i>
im	Aa15	3		Rib Alternative form of Aa13. as Aa13.	<i>M, gs, im, m</i>


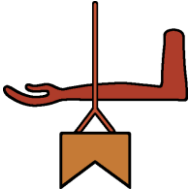
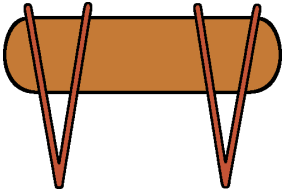
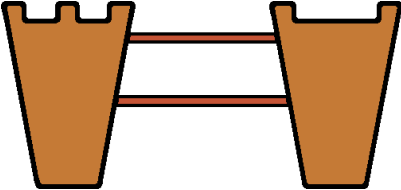
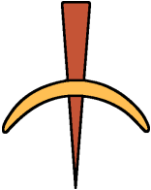
Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>m</i>	Aa15	8		Rib Alternative form of Aa13. as Aa13.	<i>M, gs, im, m</i>
<i>M</i>	Aa15	1		Rib Alternative form of Aa13. as Aa13.	<i>M, gs, im, m</i>
<i>gs</i>	Aa15	3		Rib Alternative form of Aa13. as Aa13.	<i>M, gs, im, m</i>
	Aa16	4		Short rib Short form of Aa13. Used only in gs 'side, half' Phon. gs	<i>gs</i>
<i>s3</i>	Aa17	1		Back of something O.K. and M.K. form. Ideo. Phon. sA	<i>s3, z3</i>






Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
ʒ3	Aa17	2		Back of something O.K. and M.K. form. Ideo. Phon. sA	s3, ʒ3
s3	Aa18	2		Back of something Dyn. XII-XVIII form of Aa17. Use as Aa17	s3, ʒ3
ʒ3	Aa18	3		Back of something Dyn. XII-XVIII form of Aa17. Use as Aa17	s3, ʒ3
ꜥpr	Aa20	1		Bag of clothes (?) Phon. apr	ꜥpr
wḏꜥ	Aa21	1		Carpenter's tool ? Ideo. or det. In M.K. coffins, sometimes used as substitute for the god Seth.	wḏꜥ, stš


Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>stš</i>	Aa21	1		Carpenter's tool ? Ideo. or det. In M.K. coffins, sometimes used as substitute for the god Seth.	<i>wḏr, stš</i>
<i>wḏr</i>	Aa22	2		Combination of Aa21 and D36 Use as Aa21	<i>wḏr</i>
<i>mḏd</i>	Aa23	1		Warp stretched between two uprights Det.	<i>mḏd</i>
	Aa24	2		Warp stretched between two uprights O.K. form of Aa23 Use as Aa23	<i>mḏd</i>
<i>smꜣ</i>	Aa25	4		Doubtful Ideo. (?) in smA, title of a priest whose function consisted in clothing the god	<i>smꜣ</i>

Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sbi</i>	Aa26	3		Doubtful Phon.det. sbi in sbi 'rebel' Often replaced by T14	<i>sbi</i>
<i>nd</i>	Aa27	1		Doubtful Phon. nD Usually accompanied in M.E. by W24	<i>nd</i>
<i>kd</i>	Aa28	1		An instrument used by bricklayers ? Ideo. Different from M40 and P11	<i>kd</i>
	Aa29	3		Instrument used by bricklayers ? O.K. form of AA28 Use as Aa28	<i>kd</i>
<i>hkr</i>	Aa30	1		Ornamental 'frise' on tops of walls Ideo. or det. sometimes written horizontally	<i>hkr</i>

Aa - Unclassified

Phonetic	Gardiner	Rank	Hieroglyphic	Description	Other Values
<i>sti'</i>	Aa32	2		Archaic type of bow Ideo. or det. in &A-%t(i) 'Nubia' and sty a Nubian mineral Var. of T11	<i>sti'</i>

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